PANARITH MOLOGIA,

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Mirror
Breviate
Treafure
Mate
Tor
Merchants,
Bankers,
Tradefinen,
Mechanicks,

AND

A Sure GUIDE for Purchasers, Sellers, Or Mortgagers of Land, Leafes, Annuities, Rents, Pensions, Oc.

In present Possession or Rebersion.

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A CONSTANT CONCOMITANT Fitted for

ALL MENS OCCASIONS.

In Three Parts.

All Performed by TABLES Ready Cast up; whereby all Questions relating to any of the fore-mentioned Particulars, are eafily and exactly refolved, without the Aid of ARITHMETICK, for the most part by Inspection into the TABLES only; and (in any Cafe) by Common Addition and Substration.

All which TABLES are made Easie by Variety of EXAMPLES.

Calculated and Published by W. LEYBOURN.

To which is added a Necessary Appendix Containing Heads of Daily Use to all Traders.

London, Printed by T. J. for John Dunton at the Raven and John Harris at the Harrow, inthe Poulcrey, 1694.



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TO THE

READER.

His Manual which I here recommand to thy view and perusal, was composed for the benefit of such, whose Occasions require, but their abilities in Accounts deficient; is no new design of mine: For the Manuscript Copy of the First Part thereof was calculated by another Hand : And I persuade my self, with a great deal of (not only pains, but) care also: For it bath been in my bands with an intent to Print the same, as I then received it , near Thirty Years since; but other . emergent occasions put a stop thereunto: Tet since, in a late va-cancy, I betook my self to a new Revisal of the same; and have altered something of the Method, and Enlarged the several Pages, from those of the first Contriver; rendring them far more ready and easier to be Accounted by : and indeed, than by any other, of the like nature, buherto Extant : Which will plainly appear, by those few (of many thousands) Examples which I have framed, both in Practice, the Golden Rule, Barter, Exchange, &c. so show the Use of them, next following this Preface. Alfo, unto this First Part is added Tables of Exchange ready cast up, shewing what is Gained or lost upon

Money delivered in England to be Received in Holland. Holland.

With Examples for the Ufing of them.

For the Second Part, which confifts of Simple Interest and Rebate at several Rates and Times, they are already in every Mans Hands: And for Tables of Compound Interest at several Rates and Times [For one Pound only] are no new things: But the First that did ever take the pains to render them in such A 2 u form,

To the Reader.

aform, as to resolve, by them, all such Questions as relate to Anatocisme or Compound Interest, by Addition and Substraction only, without Multiplication or Division (as These will do) I account my felf the only Drudge; it being rather Labour then Art that brought it to what it is here rendred : And now, if any Person shall Object that the Pounds, Shillings, Pence, and Farthings, will not answer in all Cases (exactly) to what Decimal Fractions, to Eight, Nine, Ten, or more places will afford: I answer it is true, and I know it as well as bimself: Bus this Enchiridion was not published for Carping Criticks, but for the Use and Benefit of Honest Dealers one with another; and it is of sufficient Exactness to perform whatscever is premised by it : And yet that exactness (as may be acquired) is not omitted; for if be please to advise with the later part of the Second Book bereof, in those particulars, be may there receive ample fatisfaction to his expectation.

For the Third Part; that confifts of several other Tables ready computed, and do relate principally to such Artificers as belong to Euilding, as Carpenters, Bricklayers, Plaisterers, Painters, Joyners, Glasiers, &c. and to all others who measure their Works by the Foot, Yard, Square, Rod, or the like: Thire are other Tables also of good use to Country Farmers, su the Measuring and Setting out of Land in Common Fields, Measuring of their Mowing, Reaping, &c. Likewise for the Gaugeing of Vessels or Casks, whether full, or partly full, and partly empty: The Pains taken in their Calculation has been Mine, the Fase and Benefit Thine. And so I wish thee good successed in the

use of shem.

Farewel,

W. L.

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Unto the forementioned particulars are added by way of Supplement, an Appendix, confishing of Variety of Matters relating to all Traders of what degree or capacity foever.

THE

DESCRIPTION and USE

Of the Following

TABLE of ACCOUNTS

Ready Cast up.

I. The TABLE Described.

HE First Page of the TABLE begins (as is noted at the Top or Head thereof) with One Farthing, and is so continued by 1, 2, 3, &c. Farthings, to [Two Pence,] and from [Two Pence] by Half-pence, to [Two Shillings:] And from [Two Shillings] by Pence to [Ten Shillings;] and from [Ten Shillings] by Six Pences, to [Twenty Shillings, or One Pound.]

Now every Page is divided into Three Parts or Rows, and each of those into Two Columns; In the first Column of each Part, towards the Lest hand, are contained all Numbers gradually proceeding from 1 to 200, in a direct Order: For, In the first Row are all numbers from 1 to 44, in the second from 45 to 87; and in the upper part of the third, from 87 to 100: and afterwards (downwards) from 100 by 200, 300, 6c. to 1000; and then, from 1000 by 2000, 3000, 6c. to 10000: And lastly, at the foor of the last part

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of each Page (towards the Right hand) is fet down the Price or Value of any Commodity bought or fold, at the Price expressed at the head of that Page; As,

First, The Great Hundred, being 112 Pound of any Com-

modity.

Secondly, The Groffe, being in number 144, or 12 Dozen of Buttons, Gloves, &c.

Thirdly, The Weigh, 256 Pound, usually for Cheese. Fourthly, The Days in the Year, being 365, for Expenses or Wases.

Fifthly, The Feet in a Solid Rod of Brick-work, being

272 feet.

These are such numbers as are of daily use with most men, and therefore I have so set them apart, for the more ready finding of them upon all occasions.

II. The Use of the TABLE.

THE Use of the TABLE will best appear by Examples: Wherefore,

Example 1. If I yard of Tape cost I peny I farthing, or 5 farthings, what will 43 yards cost?

Turn to the Page that hath 1 Peny 1 Farthing at the top thereof, then look in the first Column, under the Letter N, till you find 43; against which you shall find 0 4 5 3, that is, no Pounds, 4 shillings, 5 pence, 3 farthings; and so much will 43 yards come to at 5 farthings the yard.

And in this manner, in the same page, you shall find that at 5 farthings,

46 Pound

n

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15,

th

46 Pound
73 Ells
97 Pints
200 Ounces
The Great Hundred
The Groffe
The Weigh
In the Year
The Rod of Brick-work

And thus of any Commodity to be Bought or Sold at 5 farthings the Pound, Ounce, Yard, Ell, Pottle, Gallon, &c.

Example 2. If I Quart of Wine cost 15 pence balf-peny, what shall 39 Quarts cost?

Look in the page that hath 15 Pence balf-peny, at the top thereof, and against the number 39, in the first Column, you shall find 2 10 4 2, that is 2 pound, 10 shillings, 4 pence, 2 farthings; and so much will 39 Quarts come to at 15 pence balf-peny the Quart. Also, in the same page,

71 Quarts 3 Of any Commodity, at the 5 4 11 8 2 96 Pound 300 Ounces 5 peny, will come to 19 76 0

Example 3. Wine fold at 21 pence half peny the Gallon, what is that the Hoghead?

In an Hoghead there are 63 Gallons, wherefore turn to the page that hath 21 pence half-peny at the head thereof, and against number 63, you shall find 5 12 10 2, that is, 5 poind, 12 shillings, 10 pence, 2 farthings, the price of the Hoghead.

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at id Example 4. If one Bushel of Coals cost 14 pence, what is

There are in a Chaldern of Coals 36 Bushels, therefore turn to the page that hath 14 Pence at the head thereof, and against Numb. 36 you shall find 2 2 0, that is 2 Pounds 2 shillings the Chaldern.

Example 5. At 7 Shillings 9 pence the Pound of Pepper, what does 93 Pounds come to?

Look for the page that hath 7 Shillings 9 pence at the head thereof, and against Numb. 93 you shall find 36 0 9, that is 36 Pounds 0 shillings 9 pence, for the price of 93 Pounds.

Example 6. Gloves at 17 shillings and 6 pence the Dozen, what is that the Grosse?

One Grosse is 12 Dozen, wherefore if you turn to the page that hath 17 shillings 6 pence at the head thereof, a gainst 12 in the first Column under N. you shall find in Pounds, 10 shillings, sorthe price of one Dozen, and against 144 in that page 126 l. for the price of 1 Grosse or 12 Dozen, at that Rate.

Example 7. If 1 yard of Cleth cost 13 shillings and 6 pence, what shall 57 yards and a half cost, at that rate?

Look into the page that hath 13 shillings 6 pence at the head thereof, and against 57, under the Letter N. you shall find 38 Pounds, 9 shillings, and 6 pence, to which add 6 shillings 9 pence, for the half yard, and the Sum will be 38 Pound, 16 shillings and 9 pence, for the price of 57 yards and a half.

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Example 8. At 16 shillings 4 pence the Great Hundred, (that is 112 pound) of any commodity, what is that by the pound?

Turn over the several pages, still looking at the bottom of the page, where the word The Great Hundred stands, till under it you find your price 16 shillings and 4 pence, which you will do, in that page which hath 1 peny 3 farthings at the head thereof; and that is the price of 1 pound, &c.

Example 9. One bath an hundred weight of Tobacco, which he values at 9 pound 10 shillings 4 pence, that is, 20 pence half peny the pound; another bath Cloth at 7 shillings the yard, how many yards of that Cloth must be give for his hundred weight of Tobacco?

Turn to that page that hath 7 shillings (the price of one yard of Cloth) at the head thereof; and there look in the second Column, under l. sh. d. till you find 9 pound 10 shillings (the price of the hundred weight of Tobacco) so looking there, you cannot find just 9 pound 10 shillings, but the nearest thereto is 9 pounds 9 shillings, against which sum (under the Letter N.) stands 27, which shews that he must give 27 yards of his Cloth, for the others hundred weight of Tobacco.

Example 10. One hath 57 pounds of Cynamon at 8 shillings 6 pence the pound; another hath Fine Holland at 15 shillings 6 pence the Ell, how many Ells of Holland must be give in harter for his 57 pounds of Cynamon?

The 57 pounds of Cynamon at 8 shillings 6 pence the pound, will come to 24 pounds 4 shillings and 6 pence; which known (as before is shewed) turn to the page that hath 15 shillings 6 pence at the head thereof, and look in that page for 24 pounds 4 shillings 6 pence, which you cannot find; but the

the nearest sum thereto in that page is 24 pounds, o shilling, 6 pence, against which stands the number 31, and so many yards of Holland must be give for his 57 pounds of Cynamon.

Example 11. If I spend 8 pounds, 7 shillings, 3 pence, 2 farthings, in a year, bow much will last me 132 days?

Look at the foot of the pages, till you find 8 pounds, 7 shillings, 3 pence, 2 farthings, to stand under The Days in a year, or against 365; which you will find to do in the page that hath 5 Pence half-peny ar the head thereof; then in that page you shall find,

Against $\left\{\begin{array}{c} 100\\ 32 \end{array}\right\}$ to stand $\left\{\begin{array}{c} 2\\ 0\\ 14\\ 8 \end{array}\right\}$ In all $\left\{\begin{array}{c} 100\\ 32\\ 14\\ 8 \end{array}\right\}$

So that 3 pounds and 6 pence, will be the Expences for 132 days.

Example 12. One bought a Great Hundred Weight of Sugar, which cost him 1 pound, 12 shillings, and 8 pence; at what price, by the pound, must be retail it, to make 50 shillings thereof?

Look at the foot of the pages, till you find 2 pounds, 10 shillings, to stand against 112, and by thus turning over, I find 2 pounds, 11 shillings, and 4 pence (which is the nearest sum I can find, to 2 pounds 10 shillings) to stand against 112, in the page that hath 5 Pence balf-peny at the head thereof; and at that price by the pound, must be sell his Sugar by retail: And in so doing, he will gain 18 shillings and 8 pence, in his laying out of 1 pound, 12 shillings and 8 pence.

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Example 13. If 16 Yards, Pounds, Ells, Ounces, &c. of any Commodity, cost me 1 pound, 14 shillings, and 8 pence; what will 91 Yards, Pounds, Ells, &c. of the same Commodity cost?

Turn over the Book, still casting your eye upon the Number 16 (under the Letter N.) till against it you find 1 14 8 (or the nearest to it) and this you will find in the page that hath 2 shillings, 2 pence, at the head thereof. Then in the same page look for 91 (under N.) against which you shall find 9 pounds, 17 shillings and 2 pence; and so much will 9 x Yards, Pounds, &c. cost.

Example 14. Wine being at 4 shillings, 5 pence, the Gallon, how many Gallons will 17 pounds buy?

Turn to the Table that hath 4 shillings 5 pence at the head thereof, and look amongst the sums there for 17 pounds (or the nearest thereto) and I find 17 pounds and 1 peny, to stand against 77 (under the Letter N.) and so many Gallons will 17 pounds purchase.

Example 15. If an Impression of 1000 Books, Paper, Printing, Copy, and all other incident charges, comes to 230 pounds, what is that by the Book?

Look in the Book against 1000 under N. till you find 230 pounds to stand against it, and by so doing you shall find 229 pounds, 3 shillings, 4 pence, to stand against 1000, in the page that bath 4 shillings, 7 pence, at the head of it; and that is the price of 1 Book.

Example 16. How many pounds, shillings, and pence, is there in 97 times 6 shillings and 8 pence?

The

Look in the Tables for that page that hath 6 Shillings, 8 pence, at the top thereof, then look in the same page for the number 97, under the Letter N. against which you shall find 32 l. 6 sh. and 8 d. and so many pounds, shillings, and pence are there in 97 times 6 shillings, 8 pence.

The fore-going Examples are sufficient for the So-Lition of such Questions concerning Buying and Selling of any Commodity; where both the exact Price may be found at the Head, and the exact Number of Pounds, Tards, Gallons, &c. may be found under the Letter N. in the First Column of the Table: But it may sometimes so tall out, that neither the exact Price can be found at the Head, nor the exact Number in the First Column under N: Therefore for the solving of Questions of that Nature, take these Examples following.

Example 17. At 1 Peny 3 farthings (or 7 farthings) the Yard, what will 2373 Yards amount unto?

Turn to the page that hath I Peny 3 farthings at the Head thereof,

And against
$$\begin{cases} 2000 \\ 300 \\ 73 \end{cases}$$
 you shall find $\begin{cases} 14 & 11 & 8 & 0 \\ 2 & 3 & 9 & 0 \\ 0 & 10 & 7 & 3 \end{cases}$
In all 2373 In all 17 6 0 3

fo

So that 2373 Yards, Pounds, &c. of any Commodity at farthings, will come to 17 pounds, 6 shillings, and 3 farthings

Example 18. At I shilling, 9 pence, balf-peny, or 21 pence balf-peny the Gallon, what is that the Tun?

A Tun of Wine contains 252 Gallons, therefore turn to the page that hath 21 Pence half-peny at the head thereof,

And against $\left\{\begin{array}{c} 200\\ 52 \end{array}\right\}$ you shall find $\left\{\begin{array}{c} L. \text{ jb. d. q.} \\ 17 \text{ 18 4 0} \\ 4 \text{ 13 2 0} \end{array}\right.$ In all 252 In all 22 11 6 0

And fo much will the Tun amount unto, at 21 pena balf-peny the Gallon, Example

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Example 19. At 5 farthings the pound of Iron, what if

A Tun of Iron contains 2240 pounds, Turn to the page that hath 1 Peny 1 farthing at the head thereof; and in that page,

And so much will a Tun of Iron come to at 5 farthings the pound.

Example 20. Wooll fold at 7 pence half-peny the Pound, what is that the Last?

In a Last of Woolf are contained 4368 Pound, wherefore turn to the page that hash 7 Pence balf-peny at the head thereof,

Li. D. d. q.

And against $\begin{cases} 4000 \\ 300 \\ 68 \end{cases}$ you shall find $\begin{cases} 124 & 16 & 0 \\ 9 & 6 & 6 & 0 \\ 2 & 2 & 6 & 0 \end{cases}$ In all 4368

In all 136 5 0 0

And so much will a Last of Wooll come to, at 7 pence half-peny the Pound.

Example 21. At 19 pence the Stone Beef, what will 194

Look in the page that hath 19 Pence at the head thereof

So that 194 Stone will amount to 15 pound, 7 Shilling 1

This, or the like, Question may be resolved otherwise by the stable; for if you take the half of 194, which is 97 and see what 97 will come to at 19 pence, which will be 7 pound, 13 shillings, and 7 pence; which doubled make 15 pound 7 shillings and 2 pence as before.

Example 22. Pins at 21 pence the Thousand, what will 17956 Thousand amount unto?

Turn to the page that hath 21 Pence at the head thereof, yare

And so much will 17956 Thousand amount unto, at 21 pence the Thousand.

These Six last Examples were such, as that the whole Number of the Commodity bought or sold, could not be found in one entire Number, but was forced to be made up by adding two or three Numbers together. These Examples which sollow, shall be such as neither the Exast Price, nor the Exast Number neither, can be found in one entire Number.

Example 23. Broad Cloth at I pound, 7 shillings, 9 pence, 3 farshings, the yard, what will 173 yards amoun find unto?

Yard

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Yards		L. Sh. d.		Li. fh. d. 9.
173 7		1000	3	173 000
(100		0700		35 000
1 73		0700	comes	25 II 0 0
5100	Yards at	0090	Comes	3 15 0 0
73		0090	to	2 14 9 0
5100		0003		0 630
73		40003		0 463
	54		Inal	1 240 11 6 3

avil And thus by the addition of these several parcels taken out of their respective pages, you find that 173 yards of Broad Cloth at 1 pound, 7 shillings, 9 pence, 3 farthings, the cos, yard, will come to 240 pound, 11 shillings, 6 pence, 3 farthings; as appears above.

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Hitherto I have shewed you the Use of these Tables in such Questions as concern Buying and Selling, and that in all the varieties that can be propounded: But this is not all the Use that these Tables are capable of, for they are useful as well for Artificers or Work-men, as for Merchants and Retailers, as I shall make appear by the ensuing Examples.

Example 24. A Joyner bath wainscotted a Room containing 117 yards, for which he is to have 5 s. 9 d. the yard, what doth hu Work come to?

ther find 33 L. 12 fb. 9 d. and formuch doth his Work come to.

Example 25. A Pavier bath paved a Yard containing 99 yards; for which he is to have 2 d. 29. the yard; what comes his Work to?

noun find 1 l. 0 s. 7 d. 2 q. and so much he is to have for his Work.

Example

Example 26. A Captain bath 120 men in his Company, each fouldier is to have 13 d. 2 q. a day, he is to give them a Week or 7 days pay; how much money will pay them?

Look in the Table of 13 d. 2q. and against 120 you shall find 6 l. 15 s. which will pay them one day; then 7 time 61. 15 s. which is 47 l. 5 s. will pay them for 7 days or a Week

Example 27. A Labouring Man bath wrought several days with a Gentleman at 18 d. a day; but how many days he bath forgot, but he remembers that at the end of the Work he Master paid him 4 l. 17 s. 6 d. it is desired to know how many days he wrought?

Look in the Table of 18 d. for the furn of 4 l. 17 s. 6 d against which you shall find the number 65 under the Letter N, which declares that he wrought with him 65 days.

Example 28. An Executor is to give 95 poor men for Alm. 6s. 8 d. apiece, bow much money will pay them?

Look in the Table of 6 s. 8 d. and against 95 (which is the number of poor men) you shall find 3 1 l. 13 s. 4 d. and so much money will pay them.

Example 29. An Oftler bath kept a Gentlemans borse inte Stables at Hay 25 days and nights; in which time he had given him 7 pecks of Oats at 15 d. the peck; what may the Ostler have of the Gentleman?

First look in the Table of 9 d. for 25, against which you shall find 18 s. 9 d. and so much must be have for Hay.

Again look in the Table for 15 d. and against 7, you shall find 8 16.9 d. for Oats, this added to the former makes 17.9 d.

For Hay 0 18 9
For Oats 0 8 9

Many more Uses in all the parts might be added, but
Usus Optimus Magister.

TABLE

TABLES OF ACCOUNTS Ready Caft Up

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For the Buying or Selling of any Commodity, by Number, Weight, or Meafure.

From One Farthing to 100 Li. and from One to Ten thousand.

N	L.fh			N.		Pb. d.			N.	L.	Jb.	49
1 2 3 4 5 6	0 0	0		44	0	0 11	0		87 88	0	1	9:
2	00	0	3	45	00	0 11	1 2		88	00	1	10 1
3	00	1 6	3	47	0	0 11			90	0	i	10:
3	0 0			48	0	1 0			91	0	i	10
6	00		2	49	0	1 0	1		92	0		11
78 910	00	1 2	3 18	50	B	1 0	2		93	0		111
8	00	2 (51	P	I	3		94	0		11 1
9	0 0			52	00	16	0		95	0		11
11	0 0			54	0	1 1	2		96	0	2 2	0
12	10 0	3 3	3	55	0	1 1	13		97	0	2	01
13	00	3 1		56	0	I (1	0		99	0	2	0
14	00	3 3 3 4	2 3	57	0	1 2	1		100	0		I
12	00	3 3	101	58	0	1 2	2		200	0	4 6	21
10	0 0	4		59	0	1 2	3]		300	0	6	3
10 17 18	00	4 1	0	59	00	1 3	0	A DO	500	0 0	8	49
10	00	4 3		62	0		2		600	0	12	34455678
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27	00	6		50	0	100	2	ę., i	5000	4	3	40
28	00	7 1		71	0	1 5			6000	6		00
29 30	00	7 1		72	0	1 6	3		7000	8	5	8
30	00	7 3		73	0	1 6	1		8000			8 4
31	0 6	8:3	Of	74	0	1 6	3	1	9000	9	8	6 4
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7	0 15		0		I	15	3	2		The G			17 64
4	0 16		2	77 78	I	15	9	0	12-	112	2	11	4
6	0 16		0	79	1	16	2	2	30		The G		
7	0 16		2	80	I	16	8	0	100	144	1 3	6	0
8	0 17	1111		181	1	17	I	2	135		The W		-
789	0 17	IO	2	82	I	17	7	0	117	256		17	4
	0 18	4	0	83	li	18	0	2	1	DA	ys sm	a Tea	
0	0 18	-	2	84	i	18	6	0	110	365	8	7	3
2	0 19			85	1	18	II	2	158			a Ro	
3	0 19		2	86	1	19	5	01	15	272	6	4	1

N. L	. sh. d.		N.1	L. Sb. 4.	1 1 7 1	I N.	L:	16. d.
1 0			44	_		87 88 89	2	3 6
	1.0	133 - 13	45	1 26		88	2	4 6
3 0		198 "	46	1 30		90	2	50
40		1. 2	47 48	1 3 6	1 11-1	91	2	5666
400000000000000000000000000000000000000			49	1 46		92	2	60
70			50	1 50		93	2	6 6
810			51	1 56		94	2	7 6
90	4.6		52		6 mi	95 96	2 2	7686
100			53 54	1 70		97	2	8 6
11 0	-		55	1 7 6 1 7 6 1 8 0		97 98	2	90
13 0			156	1 80		99	2	9 6
14 0	70		57	1 8 6		109	- 2	0 0
15 0		100	58	1 90	1 A MARIE	300	5	10 0
16:0			59	1 9 6		400	Io	0 0
17 0			61	1 10 6	3	\$00.	12	10 0
190			62	IIIO		600	15	0 9
20,0	10 0		63	1 11 6	1115	800	17	0 0
21 0			64	I 12 0 I 12 6		900	22	10
22 0			66	I 13 0		1000	25	0 0
24 0			67	I 13 0 I 13 6		2000	50	0
25 0	12 6		68	1 14 0		3000	75	00
26 0			69	1 14 6		5000	125	00
27 0			70	1 15 6	1	6000	150	0
29 0			72	1 16 0		7000	175	0
30 0			73	1 16 6		\$000	200	0 0
31 0			74	I 17 0		10000	225	00
32 0		1	75	1 17 6		1 - 4		
33 0			77	1 18 6	1	The Gre		
35 0	17 6	P. Cald	78	1 19 0		112	e Grof	
36 0		1971	79 80	1 19 6	1 1	144	3	12 0
37 0		E plants	81	2 00	1 5 0	The	Weig	b
38 0		7.3	82	2 0 6 2 1 0		256	6	8
40 1			83	2 1 6	2.00	Days		
41 1		1 (3)	184	2 20	1111	365 Feet	in a	Rod (
42 I	10		185	2 2 6	5 5 73	272		16
43 1	16		86	2 30	11.08	1 1		11111

N.	12.1		N. 44	L Sb. d. 9	1	N.	L.	Sh.	d. 9
N. 1 2 3 4 5 6 7 8 9 10 11 12	0 0 0 0 0 0 0 1 0 1	6 2 1 0 7 2 2 0 8 2 3 0 9 2	44	1 3 10 0	1	87 88 89 90	2	7 7 8	1 2
2	0 1	7 2	45	I 4 4 2 I 4 II 0 I 5 5 2 I 6 0 0 I 6 6 2	-	80	2 2	8	8 0 2 1
3	0 2	20	47	1 5 5 2		90	2		90
5	0 2	8 2	47 48	I 5 5 2 I 6 0 0 I 6 6 2		91	2	9	31
6	0 3	3 0	49	1 6 6 2		92	2	9 1	00
70	0 3	9 2	50	1 7 10	1	93	2	10	4 1
0	0 4	4 0 10 2 5 0 11 2 6 0	52	1 7 1 0 1 7 7 2 1 8 2 0 1 8 8 2		92 93 94 95 96 97 98 99	2 2	10 1	5 1
10	0 5	50	53	1 8 8 2		96		12	00
11	0 5	11 2	54	I 9 3 0 I 9 9 2 I IO 4 C		97	2 2	12	6 1
12	0 6	60	55	1 9 9 2		98	2	13	1 0
13	0 7	7 3	56	I 10 4 c		100	2	13	7 2
13 14 15 16 17 18	0 2 2 0 0 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 7 J 1 2	57	I 7 7 2 I 8 2 0 I 8 8 2 I 9 3 0 I 9 9 2 I 10 4 0 I 10 10 2 I 11 I 1 2 I 11 12 6 0 I 13 0 2	1	200		13 13 14 8	7 2 0 4 0 6 6 6 8 6
16		8 0	1591	I II II 2		300 400	8	2	5
17	0 9	2 2	60	1 12 60		400	10	16	8 c
18	0 9	90	61 62	1 13 0 2		600	13	10 10	0 0
20	0 10	9 0 3 2 10 0	62	I 13 0 2 I 13 7 0 I 14 I 2		700	\$ 10 13 16 18	10 10	0 0
21	o II	4 2	63	1 14 8 0		700 800	21	13	0
22	o II	11 0	65	1 15 2 2		900 1000 2000	24	7 6	666
23	0 12	5 2	66	1 15 90		1000	27	1 8	9
24 25 26	o 13	6 2		1 13 7 0 1 14 1 2 1 14 8 0 1 15 2 2 1 15 9 0 1 16 3 2 1 16 10 0	1	3000	84	3 4	0
26	0 14	10		1 17 4 2		4000	108	6 8	1
27	0 14		70	1 17 11 0		5000	135	8 4	0
28	0 15	20		1 18 5 2		6000	162 1	10 0	C
29	0 15	8 2		1 19 6 0		7000		8	
30	0 16	7 2 2 0 8 2 3 0 9 2						3 4	0
12	0 17	40	74 75					6 8	0
33	0 17	10 2	76	2 1 2 c 2 1 8 2		The Gr	ent H		,
34	0 18	4 0 10 2 5 0 11 2 6 0	76 77 78			112		0 8	0
27 28 29 0 1 2 3 3 4 5 6	0 18	6 0	79	2 2 3 0 2		Tb	e Gro	Je.	
71	I O	0 2	8012	3 40		144	3 1	8, 0	C
8 9	1 0	70	81 2	3 10 2	10	256	6 I	8	
39	II	1 2	82 2	4 5 0		Days	in the	Tear	0 0 0 2
0	1 2	8 0	83 2 84 2	4 11 2		3651	9 1	7 8	2
12	I 2	8 0 2 2 9 0	85 2			Fee	in a	Rod	
13	I 2 I 3	9 0	85 2	6 0 2	139	272		7 4	C

	At 7 Pence.													
d. 9 12 80 22 2 9 3 1 10 0 6 1 1 1 5 2 0 6 6 1 1 1 5 2 0 6 8 0 0 0 0 2 0 4 6 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	N.	L. Sh.	. d.		N.	L. 1	b. d.	1	N.	L. J	. d.			
11	1 1	0 0	7		144				87	2 10				
80	1 2	0 1	2	100	145	1	6 3	1	88	2 1	1 4			
2 1	3	0 1	9	1	146	1	6 3		80	2 11	II			
90	1 4	10. 2	4	1	47	1	7 5	1, 1	90	2 12	2 6			
31	15	0 2	11		44 45 46 47 48	1	7 5	1 1 1	91	2 13	I			
100	4 5 6 7 8	0 3	6		49	1	5 8 6 3 6 10 7 5 8 0 7 9 2 9 9 4		90 91 92 93 94 95 96 97 98 99 100 200	2 1	4 II 6 1 8 8 3 10 5 0 7 2 9 4 8			
4 1	1 7	0 4	1	1	150	I	9 2	1	93	2 14 2 15 2 16 2 16 2 17 2 18 5 16 8 15 11 13 14 11 17 10	1 3			
11 0	8	0 4	8	195	51	1	9 9	1	94	2 14	10			
5 1 0 0 6 1 1 0	9	0 5	10 5		52		0 4		95	2 19	. 5			
00	10	0 5	10		53 54	1 1	11 0		96	2 16	0			
01	11	0 6	5	1	54	1 1	0		97	2 16	7			
10	12 13 14 15 16	0 7 0 8		1. 1	55 56	1 1:	1 2	1 33	98	2 17 2 17 2 18 5 16	2			
7 2	13	0 7	7 2	10.	56	I I.	2 8		99	2 17	9			
2 0	14				57 58	[] []	3 3	100	100	2 10	4			
40	115	0 8	9		58	1 1	10	1	200	5 10	0			
80	16	0 9	4		59 60	1 1,	1 5	1	300	8 15 11 13 14 11	0			
100	17	0 9	11		00	I I	0		400	11 13	8			
0	110		1	N. G.	61.	II			300 400 500 600 700 800 900 1000 2000	14 11	0 400 0			
20	19		8		OZ	1 10	5 2	1	700	17 10 20 8 23 6 26 5 29 3 58 6 87 10 116 13 145 16				
A	20	0 11			63	I I	9	1 - 0	800	20 6	8 0			
40	22	0 12	3	5.00	65	I 17 I 17 I 18	4	1	000	23 6 26 5	0			
8	23	0 13	10		65 66	1 18	6	- 1	1000	20 2	4			
Adl	24	0 14	0		67	1 19	1		2000	68 6	8			
cel	25	0 14	7		69	1 19		4,00	3000	87 10	8			
40	26	0 15	2		60	2 0	2		4000	29 3 58 6 87 10 116 13	0 4 8 0			
10	27	0 15	9		70	2 0		1	5000	145 16	3			
40	27 28	0 16	4		71	2 1			6000	175 0	0			
80	20	0 16	II		72	2 2	5		7000	204 3	4			
408 408	30 31 32	0 17	6		73	2 2	7		8000	233 6	8			
00	31	0 17 0 18	1		74	2 2	7 2	7 4 3	9000	233 6 262 10	0			
80	32	0 18	8		75	2 3	0		10000	291 13	4			
red	331	0 19	3		67 68 69 70 71 72 73 74 75 76	2 4	4	20 1			1 2 1 1			
8 0	34	0 19	3 10		77	2 4	9 4		The Gr	eat Hund				
9 0	35	0 1	5		78	2 5	6		112	Groffe 5	4			
00	33 34 35 36	1 1	50		79	2 6	I		Th	Grouje				
,	37 38	I I	7 2			2 2 2 2 2 2 3 2 2 4 2 2 4 2 2 6 2 6 2 7 2 2 8	8	1011/1-	144	e Weigh	0			
8 0	38	1 2	2		18	2 7	3		256	reign				
	391	1 2	9		82	2 7 2 8	10		Dave	in the Te	4			
8 2	40	1 3	4		83	2 8	5	1	3651	10 12	11			
8 2 1	41	1 3	9 4			2 9	0		Rees	in a Rod				
40	42	4	0		85	2 9 2 10	3 10 5 0 7 2	1	272	7 18	8			
	431	1 5	11	1	86	2 10	21	2 1 3	-/-!	1	1			

N.	L. Ab	. 4	91	N.	L.	B	4. 7	1	N	Li.	Jb.	
1	0 0	-	2	44	I	7	6 0		87	2		4
2	OI	3	0	45	I	8	I 2	134	88	2	15	0
2 3450 78	OI		2	46	I	8	90		89	2	15	7
1	0 2	6	0	147	I	9	4 2		90	2	16	3
4	0 3		2	48	II	0	0 0	3	91	2	16	10
2	0 3		0	49		0	7 2 3 0 10 2		92	2	17	6
-	9 4	1	2	150		I	30		93	2	18	1
8	0 5	4	0	51		I	10 2		94	1 2	18	9
	0 5	7	2	52		2	6 0		94		19	4
10	0 6	3 10	0	53		3	1 2		96	3	0	0
	0 6	10	2	54	1 1	3	90		97	1 3	0	7
11	0 0	4	0	155	1 1	4	4 2		98	1 3	I	3
12 13 14	0 7	1	2	56		5	0 0		90	33336	I	7 3 10 6
3		. 0	0	57		5	7 2		100	1 3	2	6
4			2	58		6	3 0		200	6	4	0
15	0 9	4	0	150		6	3 0		300	9	4	6
16	0 10		2	59		7	60		400	12	9	0
17	0 10	7		61	II	8	F 2		500	15	II	6
19	OIL	3	0	62		8	90		600	18	14	
19	OII	10	2				4 2		700	21	16	6
20	0 12		0	63	2	9	4 2		800	24	19	0
21	0 13	I		64		0	7 7		900	28	ī	6
21 22 23 24 25 36	0 13	9	0	65		0	7 2 3 0 10 2		1000	31		6:00
33	0 14		2	66	2	I	3 0		2000	62	8	00
24	0 15	0	0	67	2	I			3000	93	12	201
25	0 15	3 10 6	2	68	2	2			4000	124	16	00
36	0 16	3	0	69	2	3	1 2		5000	156	0	00
27	0 16	10	2	70	2	3	90		6000	187	4	01
28	2 17	. 6	0	71	2	4	4 2		7000	218	8	0
29	0 18		2	72	2	5 6	0 0		8000	249	12	0
30	0 18		0	73	2	5	7 2 3 0 10 2		9000	280	16	0
31	0 19		2	74		6	3 0		10000		0	0
32	1 0		0	75	2	0	10 2			1 1 1		
33	1 0		2	76	2	78	60		The G	reat l	lun:	ired
34	1 I		0	77	2	ð	1 2		112	1 3	10	0
35	II	10	.2			8	90		1	The Gr	offe	
76	1 2		0	79		9	4 2		144		10	01
37	1 3	I	2	80		0	00		1	be W		13
38	1 3	9	0	81		0	7 2		256		19	01
30 31 32 33 34 35 36 37 38 39	1 4	4	2	82		I	3 0		Day	s in th		ar
40	1 5	. 0	0	83			10 2		365	11	7	1
41	1 5	7	2	84		2	60		Fe	11 et in	Roo	1
42	1 6	3	0	185	2 1	3	1 2		272	1 8	9	0
43	1 6	10	2	86		3	90		-/-	1	1	3

1-	-					11:4		- 3.7		-
N. 1	L. fb. d.	1	N.	L./	b. d.	1	11-	N.	Li	Jb. 9
	0 0 8	1	144	1	9 4	11 4		282	2	18
2	0 14	196	45	1 1	0 0	1	1	88	2	18
31	0. 2 0	Carlo	46	1	10 8	1 104	1-1-1	:89	2	19 2
	0 2 8	100	47	1	11 4	11-		90	3	0
	0 3 4	117	48		12 0	150		190	3	0 7
6	0 4 0	12	49	1	12 8	1		92	3	4 9
7	0 4 0		50		13 4	13.44		93	3333	2
	0 .5 4		51		40	1	1 1	94	13	28
	0 60	10.5	52		4 8	500		95	3	3
	0 68		53		5 4			96	3	4
	0 7 4		54		6 0			97	3	
			55	4. 4.	6 8	1.00		98	83	\$ 5
	0 8 8		56		7 4	1	0.	99	3	6
	0 9 4		57		8 8	1000		1001	6	
	0 10 0	1-	58			1		300	10	13
	1		59	2	9 4	1 130	1	400	13	6
01	0 11 4		61	2 5	08	5110	1	500	16	13
	0 12 8		62	2	1 4			600	20	0
	0 13 4	39-10	63	2	2 0	4.100	1	700	23	6
	0 14 0	10.8	64	2	2 8			800	26	13
	0 14 8		65	2	3 4	2 7.4		900	30	0 1
	0 15 4	1. 21.	66	20	40	15 115		000	33	6
	0 16 0	Louist	67	12	4 8	Marine .	1 2	coo	66	13
	0 16 8	101	68	2 5	5 4		1 3	050	100	C
	0 17 4	1400	69	2	60			000	133	6
	0 18 0	45765	70	125	68	1		000	166	13 2
28	8 81 0	A DUCK	71	12	7 4	12		000	200	0
	0 19 4	1100	72	2	8 0			000	233	6.
30	1 00		73	2	8 8			000	266	13
31	1 0 8	1000	74	2	9 4	442		000	300	0
32	1 14		75		00	100	10	000	333	6
33	1 2.0	NET	76	-	0 8		T	e Gra	at Hi	indre
34	1 28	12.1.5	77 78	1	1 4		15	112		14
35	1 3 4.	T.	78		2 0		1 2		e Gro	
36	I 4 8	DAME !	79		2 8	26 1		144	4	16
37 38		1	80		3 4	1 1		Th	e Weis	
30	1 5 4	19:2	81		4 0	21151		256	8	IO :
39	1 68	200	83			-	1	0475	in the	
		3 70 11	84		5 4		11.	365	12	3
42	1 7 4	1	85		68	2 000		Fet	inal	Cod .
	1 88	1 1	86		7 4		110	272	9	I
131		detra have	100	-	7		-1	-	-	HICKOWS T

NI	L.	fh.	d.	9.	IN	.11	fb.	4.	9.		N.	Li.	Jh.	d. 9
N. 123456	0	0	8	2	4	ī	11	2	0		87	13	1	7
2	0	I	5	0	4		11	19	2	3	88	33333333333333333	2	4
3	0	2	Í	2	1 40		12	7	0	A	89	1 3	3	0:
4	0	2	10	0	14	11	13	3	2	-	90	1 3	3	9:
3	0	3	6	2	4	3 1	14	0	0		91	3	4	5 :
6	0	4	3	0	49	I	14	- 8	2	1	92	3	. 5	20
7	0	4	11	2	150		- /	5	0		93	1 3	5	10
8	0	5	8	0	15			I	2	1	94	1 3	6	70
9	0	6	4	2	5		16	10	0		95	3	8	31
10	0	7	.1		5.			6	2	7	96	1 3	8	8
11	0	8	2	2	5.			.3	0		97	1 3	8	1
12	0		6		5			8	2	194	98	1 3	.9	5
13	0	9	11		50		-	4	2	10	99	3	10	IO
14	0	10	7	2	57			i	0		200	7	1	8
16	0	11	4	0	1 60	1 2		9	2		300	10	12	6
17	0	12	0	2	59	2		6	0	- 1	400	14	3	4
18	0	12	9	0	6	2		2	2		500	17	14	2 0
19	0	13	5	2	6:	2	3	11	0	-	600	21	5	00
20	0	14	2	0	6	1 2	4	7	2	3	700	24	15	Ios
21	0	14	10	2	6	1 2	5	4	0		800	28	6	8
22	0	15	7	0	6	2	6	0	2	110	900	31	17	60
23	0	16	3	2	6	5 2		9	0	00	1000	35	8	4:
24	0	17	0	0	6	2		5	2	8	2000	70	16	. 100
25	0	17	8	2	68	2		10	0	1	3000	106	5	1
26	0	18	5	0	69			7	2	2	4000	141	13	8:
27 28	0	19	1	2	70			3	2		6200	212	10	0
	0	19	10	2	7			0	0		7000		18	4
29	I	0	3	0	17			8	2		8000	283	6	8
30	I	1	11	2	7	,		5	0		9000	318	15	0
32	I	2	8	0	75			í	2		10000	354	3	4
	I.	3	4	2	70			LO	0			3		- 3
33 34		4	I	0	1 77	12	14	6	2			Great	1	- 19
35	I	4		2	78	1 2	15	3	0	4	112	3	19	4
36	I	5	9 6 2	0	79	12	15	II	2			be G	100	0
37	I	6	2	2	80	12	16	8	0	8	144	the W	· 2	0
37 38	1	6	11	0	81	12		4	2		256		1	4
39 40	1	3	7	2 0	8:	2		I	0		2)0	ys in	are	4
40	I	8	7.40		83	2	18	9	2		365	12	18	6
41	1	9		2	84	12	19	6	0			eet in		4.130
42. 13	1	10	9	0 2	89	3	00	11	2	1	272	9	12	8

The second secon

1 7 1 0 0 0 44 1 13 0 87 3 5 3 3 3 3 3 3 3 3	0. 1		At 9 F	ence.	1	
	2 3 3 3 4 5 5 10 7 3 3 8 8 5 1 10 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10 0 9 1 6 3 0 1 6 3 0 9 6 6 7 8 9 0 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 6 7 8 9 9 9 6 7 8 9 9 9 6 7 8 9 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9	44 1 13 4 4 1 13 4 4 1 13 4 4 1 1 1 1 1	96	87 88 89 90 91 92 93 94 95 96 97 98 99 100 200 300 400 500 600 700 200 300 400 100 200 300 400 100 200 300 400 100 200 300 400 100 100 100 100 100 100 100 100 1	3 5 3 6 9 3 7 6 3 8 3 3 9 9 3 10 6 3 11 3 6 3 12 9 3 13 6 3 14 3 3 15 0 0 11 5 0 0 18 15 0 0 0 18 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

N.	L. A.	4. 9.	N.	L.yb.	1.9.		N.	4.	M.	d. N
	0.0	_	44	1 14	10 0	4	87	3	8	10
1 2 3 4 5 6	0 1	9 2 7 0 4 2	45	1 15	7 2		88 89	13	9	8 5 3 0 10 7
2	0 2	4 2	45	1 16	50		89	3	10	
4		20	47	1 17	2 2	1	90	3	11	3
1	0 3	11 2	48	1 18	00	11-11	91 92	13	12	0
6	0 3	90	49	1 18	9 2		92	3	12	10
8	0 5	6 2	50	1 19	70		93	3	13	7
8	0 6	40	51	2 0	4 2	100	94 95	3	14	5
9	0 7 0 8	2 0 11 2 9 0 2 4 0 1 2 11 0 8 2 10 2 8 0	52	2 1	9 2 7 0 4 2 2 0 11 2		95	3	15	3 0 10 7 5 2 0 10 9 1
0	0 7	11 0	53	2 1			96 97 98 99	3	16	0
1	0 8	8 2	54	2 2 2	90	A .	97	3	16	0191
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	The Gr. 112 The Gr. 1144 The Gr. 144 The Gr. 145 Days
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	60 0 12 0 14 0 0 18 0 0 0 14 0 0 18 0 0 0 12 0 14 0 0 18 0 0 0 12 0 14 0 0 18 0 0 0 12 0 14 0 0 18 0 0 0 12 0 14 0 0 18 0 0 0 12 0 14 0 0 18 0 0 0 12 0 14 0 0 18 0 0 0 12 0 14 0 0 18 0 0 0 12 0 0 0 12 0 0 0 12 0 0 0 0
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N. L. fb. d.	N. L. Jb. d.	Jan N.	Li.
1021	AA A TE S	87	
2 0 4 2 3 0 6 3 4 0 8 4 5 0 10 5 6 0 12 6 7 0 14 7 8 0 16 8	46 4 15 10	89	9
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6 0 12 6 7 0 14 7	49 5 2 1	92 93	9 t 9 t 9 t 9 t
8 0 16 8 9 0 18 9 10 1 0 10	50 5 2 2 51 5 6 3 52 5 8 4 53 5 10 5 5 5 5 5 5 5 5 6 8 57 5 18 9 58 6 0 10 59 6 2 11	93 94 95 96 97 98 99	9 1
9 0 18 9	53 5 10 5	96	9 17 10 0
12 1 5 0	55 5 14 7	98	10
14 1 9 2	53 5 10 5 54 5 12 6 55 5 14 7 56 5 16 8 57 5 18 9 58 6 0 10	100	10 8
161T 13 41	53 5 10 5 54 5 12 6 55 5 16 8 57 5 18 9 58 6 0 10 59 6 2 11 60 6 5 0 61 6 7 1 62 6 9 2 63 6 11 3 64 6 13 4	300	20 16 31 5 41 13 52 1 62 10
17 1 15 5 18 t 17 6	60 6 5 0	400 500	31 5 41 13 52 1 62 10 72 18
19 1 19 7	61 6 7 1 62 6 9 2 63 6 11 3 64 6 13 4 65 6 15 5 66 6 17 6	600 700 800	62 10
21 2 3 9 22 2 5 10	64 6 13 4	800 900	83 6
21 2 3 9 22 2 5 10 23 2 7 11 24 2 10 0	65 6 15 5 66 6 17 6 67 6 19 7 68 7 1 8	0001	93 IS 104 3 208 6
25 2 12 1	67 6 19 7 68 7 1 8	2000 3000	312 10 416 13
26 2 14 2 27 2 16 3 28 2 18 4	68 7 1 8 69 7 3 9 70 7 5 10 71 7 7 11	5000	520 16
26 2 14 2 27 2 16 3 28 2 18 4 29 3 0 5 31 3 4 7 32 3 6 8	71 7 7 11 72 7 10 0	7000	625 0
30 3 2 6	73 7 12 1	9500	729 3 833 6 937 10
29 3 0 5 30 3 2 6 31 3 4 7 32 3 6 8 33 3 8 9 34 3 10 10 35 3 12 11 36 3 15 0	74 7 14 2 75 7 16 3 76 7 18 4	10000	1041 13
33 3 8 9 34 3 10 10	75 7 16 3 76 7 18 4 77 8 0 5 78 8 2 6	The Gr	eat Hundn
35 3 12 11 36 3 15 0	78 8 2 6 79 8 4 7 80 8 6 8	T	e Groffe.
38 3 19 2	79 8 4 7 80 8 6 8 81 8 8 9 82 8 10 10	144 Th	e Weigh
9 4 1 3	77 8 0 5 78 8 2 6 79 8 4 7 80 8 6 8 81 8 8 9 82 8 10 10 83 8 12 11 84 8 15 0	Days	26 13
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		A1 2	Shittings	2 1 cacci	
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fh.		44	L.fb. d. 4 15 4 4 17 6 4 19 8 5 1 10 5 4 0 5 6 2	87 88 89 90 91 92 93 94 95 96 97 98 99 100 200 300 400 900 1000 2000 3000 4000 5000 6000 7000	9 8 6 9 10 8 9 12 10 9 15 0 9 17 2 9 19 4
1 3 5 7 9 11 13 15 17 10 2 4 6 8 8 16 5 3 1 10 18 6 15 3 6 10 18 16 15 3 6 10 18 16	10 2 2 20 4 4 30 6 6 40 8 8 50 10 10 60 13 0 70 15 2	45	4 15 4 4 17 6 4 19 8 5 1 10 5 4 0 5 6 2 5 8 4 5 10 6 5 12 8 5 14 10	88	9 10 8
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2	40 8 8	47	5 1 10	90	9 17 2
0	4 0 8 8 5 0 10 10 6 0 13 0 7 0 15 2 8 0 17 4 9 0 19 6 10 1 1 8 10 1 3 10 22 1 6 0 13 1 8 2 14 1 10 4 15 1 12 8	48	5 4 0	92	9 19 4
11	6013 0	49	8 4	93	10 1 6
13	70 15 2	CI	10 6	94	10 3 8
15 1	7 0 15 2 8 0 17 4 9 0 19 6 10 1 1 8 11 1 3 10 12 1 6 0 13 1 8 2 14 1 10 4 15 1 12 6 16 1 14 8 17 1 16 10	52	5 8 4 5 10 6 5 12 8	95	9 19 4 10 1 6 10 3 8 10 5 10 10 8 0 10 10 2
171	10 1 1 8	53	5 14 10	96	10 8 0
0	11 3 10	54	5 17 0	97	10 12 4
2	12 1 6 0	55	5 19 2	90	10 14 6
4	13 1 8 2	56	0 1 4	100	10 14 6
8	1 10 4 1 12 6 1 14 8 7 1 16 10	57	5 17 0 5 19 2 6 1 4 6 3 6 6 5 8 6 7 10 6 10 0 6 12 2	200	21 13 4 32 10 0
16	1 14 8	50	6 7 10	300	32 10 0
5		60	6 10 0	400	43 6 8
13	0 61 1	61	6 7 10 6 10 0 6 12 2	500	54 3 4
I	19 2 I 2	62	6 14 4 6 16 6 6 18 8	600	10 8 0 10 10 2 10 12 4 10 14 6 10 16 8 21 13 4 32 10 0 43 6 8 54 3 4 65 0 0 75 16 8 86 13 4 97 10 0 108 6 8 541 13 4 650 0 0 758 6 8 866 13 4 975 0 0 1083 6 8
10	2 3 4 2 5 6 2 7 8 3 2 9 10	63	6 14 4 6 16 6 6 18 8	900	86 12 4
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15	1 7 8	05	7 0 10	1 1000	108 6 8
3	1 12 0	67	7 3 0	2000	216 13 4
6	2 14 2	68	7 7 4	3000	325 0 0 433 6 8 541 13 4
10	2 16 4	69	7 7 4 7 9 6 7 11 8	4000	433 6 8
13	2 16 4 2 18 6 3 9 8 2 3 2 10	70	7 11 8	5000	541 13 4 650 0 0 758 6 8 866 13 4 975 0 0 1083 6 8
10	3 0 8	71	7 13 10	6000	650 0 0
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6	30 3 5 0	73	7 18 2	9000	975 0 0
10	31 3 7 4	74	8 2 6	10000	1083 6 8
13	9 2 1 2 9 2 3 4 1 2 5 8 1 2 7 8 1 2 9 10 1 2 14 2 1 3 2 14 2 1 3 2 16 6 1 3 3 5 0 1 3 3 7 2 1 3 3 1 1 6 1 3 3 1 1 5 8 1 3 3 1 1 5 10 1 3 1 5 10 1 5	76	8 0 4 8 2 6 8 4 8	The	reat Hundred
ndrel	34/3 13 8	77	8 6 10	112	12 2 8
43 4	3 15 10	78	8 9 0		12 2 8 The Groffe
3 6 10 13 13 14 13 16 13 16 16 16 16		N. 445 45 45 45 55 55 55 55 55 55 55 55 55 55 5	8 11 2	144	15 11 0
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,	30 4 4 4	81	8 17 8	256	27 14 8
3 4	38 4 2 4 39 4 4 6 40 4 6 8 41 4 8 10 42 4 11 0 43 4 13 2	82	8 19 10	Day	s in the Year
0 6	44 4 8 10	84	9 2 0	365	39 10 10
d 1	42 4 T1 0 43 4 T3 2	85	9 4 2	272	es in a Rod
6 8	43 4 13 2	86	9 4 2	4/2	-4 7 4

N. L. fb. d.	N. L. Sh.d.	1 N. L	i. fh.
N. L. fb. d. 1 2 3 6 9 0 3 6 9 0 3 6 9 0 13 6 9 0 13 6 9 0 13 6 9 0 13 6 9 0 13 6 9 0 13 6 9 0 13 6 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 4 19 0 45 5 1 3 6 46 5 3 6 9 48 5 10 3 6 49 5 10 3 6 50 5 12 6 51 5 14 9 52 5 17 0 3 54 6 10 9 56 6 15 0 6 57 6 6 15 0 6 61 6 17 3 6 62 6 15 0 6 63 7 7 10 9 66 7 7 10 9 67 7 7 10 9 68 7 7 17 9 70 7 19 9 71 7 19 9 72 8 4 3 6 6 73 8 8 8 9 76 8 11 0 3 6 77 8 8 8 17 7 8 8 8 9 76 8 11 0 3 6 77 8 8 8 9 78 8 15 9 81 9 9 0 3 81 9 9 0 3 82 9 9 13 6	87 88 89 1 91 91 91 91 93 1 93 1 95 1 96 1 97 1 100 100 100 100 100 100 100	0 4 4 7 7 0 9 9 11 1 0 13 15 0 0 1 1 1 2 1 1 5 0 0 1 1 1 2 1 1 5 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1

1	A	2 '	Sisterings			
1	N. L. fb. d.	IN.	L. Sh. d.	13.15	N.	Li. Sh. d
1		44	5 2 8	11.7	87	10 3 0
l	10 2 4 2 0 4 8	45	5 50	100	88	10 5 4
l	30 70	46	5 7 4		89	
l		1 47	5 2 8 5 5 0 5 7 4 5 9 8 5 12 0		90	10 10 0
	5 0 11 8	48	5 12 0		91	10 12 4
	4 0 9 4 5 0 11 8 6 0 14 0 7 0 16 4 8 0 18 8	49	5 2 8 5 5 0 5 7 4 5 98 5 12 0 5 14 4 4 5 16 8 5 19 0 6 3 8 6 6 6		92	10 14 8
	7 0 16 4 8 0 18 8	50	5 16 8		93	
		51	5 19 0		94	10 19 4
	9 1 1 0	52	6 1 4 6 3 8 6 6 0 6 8 4 6 10 8 6 13 0 6 15 4 6 17 8	Contract to	96	11 40
	10 1 3 4	53	6 60	6 400	97	11 6 4
	12 1 8 0	55	6 8 4	100	97 98	11 6 4
		56	6 8 4		99	II II o
		157	6 13 0		100	II 13 4 23 6 8
	15 15 0	58	6 13 0 6 15 4 6 17 8	13.73	200	23 6 8
	16 1 17 4	159	6 17 8		300	35 00
	17 2 19 8	60	7 0 0 7 2 4 7 4 8 7 7 0		400	23 6 8 35 0 0 46 13 4 58 6 8
	18 2 2 0	61	7 2 4 8		500	70 0 0
	9 2 4 4	62	7 4 8		700	81 13 4
	2 6 8	63	7 7 0		800	81 13 4 93 6 8
2		65	7 0 0 7 2 4 7 4 8 7 7 0 7 9 4 7 11 8		900	105 0 0
2	2 2 11 4	66	7 14 0	STATE	1000	116 13 4
i		67	7 14 0 7 16 4 7 18 8	18.	2000	116 13 4 233 6 8 350 0 0 466 13 4 583 6 8
2	4 2 16 0 5 2 18 4	68	7 16 4 7 18 8	7. 1.5	3000	350 00
	6 3 0 8	69	8 10	8 10	4000	466 13 4 583 6 8
	7 3 3 0 18 3 5 4 19 3 7 8 10 0 10 10 10 10 10 10 10 10 10 10 10 1	70	8 3 4 8 5 8 8 8 0 8 10 4 8 12 8		5000	583 6 8
	18 3 5 4	71	8 5 8	13 11	6000	700 0 0
	19 3 7 8	72	8 8 0	2 4 2	7000	816 13 4
	30 3 10 0	73	8 10 4 8 12 8	2 1 5	9000	
	31 3 12 4 32 3 14 8	74	8 15 0	p 3	10000	1166 13 4
		75	8 15 0	0 10		1101010
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	39 4 II O	82	9 11 4 9 13 8			in the Year
	40 4 13 4 4 4 15 8	83	9 13 8		365	42 11 8
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N. L. Sh. d	N.	L. Sh d.	I N	Li. fb. d
N. L. Sh. d	44	5 6 4	87	Li. fb. d
2 0 4 10	45		88	10 12 8
3 0 7 3	46	5 8 9 5 11 2	89	10 15 1
3 0 7 3	1 47	5 13 7	90	
CO 12 1	47	5 16 0	91	
6 0 14 6	49	5 18 5	92	II 2 4
4 0 9 8 5 0 12 1 6 0 14 6 7 0 16 11 8 0 19 4	50	5 18 5	93	II 4 9
8 0 19 4	51	6 3 3	94	11 7 1
9 1 1 9	52	6 3 3	95	11 9 7
9 I I 9 0 I 4 2	53	6 8 1	96	II 12 0
1 1 6 7	54	6 10 6	97	11 14 5
2 1 9 0	1 165	6 12 11	98	11 14 5
3 1 11 5	55	6 15 4	99	11 19 1
4 1 13 10	157	6 17 9	100	11 19 1
1 16 3	58	7 0 2	200	24 3 4
8 81 118	59	7 2 7	300	1 36 5 0
7 2 1 1	59	7 5 0	400	48 6 8
8 2 3 6	61	7 7 5	500	60 8 4
9 2 5 11	62	7 9 10	600	60 8 4 72 10 0 84 11 8
2 8 4	63	7 12 3	700	
2 8 4	64		800	96 13 4
2 2 13 2	65	7 17 1	900	108 15 0
3 2 15 7 4 2 18 0	66	7 19 6	1000	120 16 8
4 2 18 0	67	8 1 11	2000	241 13 4 362 10 0
513 0 5	68	8 4 4	3000	241 13 4 362 10 0 483 6 8
6 3 2 10	69	8 6 9	4000	483 6 8
7 3 5 3	70	8 9 2	5000	604 3 4
7 3 5 3 8 3 7 8	70 71	8 11 7	6000	725 0 0
9 3 10 1	72	8 14 0	7000	845 16 8
0 3 12 6	73	8 16 5	8000	966 13 4
1 3 14 11	74	8 18 10	9000	1087 10 0
2 3 17 4	75	9 1 3	10000	1208 6 8
1 3 14 11 2 3 17 4 3 3 19 9 4 4 2 2 5 4 4 7 6 4 7 0	76		The G	reat Hundred
4 4 2 2	77 78	9 6 1	1112	
5 4 4 7	70		1 7	he Groffe
6 4 7 0	79 80		144	17 8 0
7 4 9 5 8 4 11 10	81	9 13 4	7	he Weigh
7 4 9 5 8 4 11 10 9 4 14 3 0 4 16 8	82	9 15 9	256	30 18 8
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V. I	L. Jb. d.	1	IN.	IL.	so d.	1	1	N.	Li.	M.	1
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2 2	11 8	100	63	8	0 2 2 9			700	95	10	0
2	14 3	37	64	8	5 4		41	700	103	6	3
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3	9 9	2000	70		o lo			5000	645		
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12 2 18 8 65 8 13 4 900 120 0 0 12 3 1 4 66 8 16 0 1000 133 6 8 12 3 6 8 18 8 2000 266 13 4 13 6 8 9 1 4 3000 400 0 0	10 2 8 10 5 4 30 8 0 40 10 8 50 13 4 60 16 0 70 18 8 81 1 4	N. L 44 6 45 6 47 6 48 6 49 6 51 6 51 6 52 6	Jh. d. 5 17 4 5 0 0 5 2 8 5 5 4 5 8 0 5 10 8 6 13 4 5 16 0 5 18 8	8 Per	N. 87 88 89 90 91 92 93 94 95	11 12 0 11 14 8 11 17 4 12 0 0 12 2 8 12 5 4 12 8 0 12 10 8 12 13 4 12 16 0
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		At 2	ONLHING			
N.	L. Sh. d.	IN	L. Sh. d	1	N.	Li. ft.
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30	0 2 9 6 3 0 9 6 0 9 6 0 9 6 0 9 6 0 9 6 0 9 6 0 9 6 0	1 45	1 6 3 9		88	12 1
.3	0 8 3	46	6 66		89	12 4
4	0 11 0	47	6 9 3		90	12 7
5	0 13 9	46 47 48	6 9 3 6 12 0 6 14 9 6 17 6	b lead to	91	12 10
6	0 10 0	49	6 14 9		92	12 15
6	0 13 9 0 16 6 0 19 3 1 2 0	50	6 17 6		94	12 70 12 10 12 13 12 15 12 16
0	1 40	49 50 51 52 53 54 55 56 57 58	6 14 9 6 17 6 7 0 3 7 3 0 7 5 9 7 8 6	2 3 3 4	90 91 92 93 94 95 96 97 98 99 100 200	12 13 12 15 12 18 13 1 13 4 13 6 13 9 13 12 13 15 27 10
10	1 49	53	7 5 9		96	13 40
11	1 10 3	54	7 5 9 7 8 6		97	13 61
12	I 10 3 I 13 0	55	7 11 3 7 14 0	WALLEY BY	98	13 9
13	1 15 9	56	7 11 3 7 14 0 7 16 9		99	13 12
14	1 18 6	57	7 16 9 7 19 6		100	27 10 0
15	2 1 3	58	7 19 6		300	AT S
10	2 1 3 2 4 0 2 6 9 2 9 6	59	8 50		400	41 50 55 00 68 15
18	2 9 6	61	8 7 0		500	68 150
10	2 12 3	62	8 2 3 8 5 0 8 7 9 8 10 6 8 13 3 8 16 0	Barrell C	300 400 500 600 700 800	82 100
20	2 15 0	63	8 13 3		700	96 50
21	2 17 9	64	7 0 3 7 3 0 7 5 9 7 8 6 7 11 3 7 14 9 7 19 6 8 2 3 8 5 0 8 7 9 8 10 6 8 13 9		800	13 13 13 13 13 13 13 15 13 15 15 15 15 15 15 15 15 15 15 15 15 15
22	3 0 6	65		2500	900	123 15 0 137 10 0 275 0 0
23	3 3 3	66	9 1 6		000	275 00
24	3 00	107	9 1 6 9 4 3 9 7 9		000	412 100
26	3 3 3 3 6 0 3 8 9 3 11 6	60	9 9 9	4	000	412 100 550 00
27	2 12 3 2 15 0 2 17 9 3 0 6 3 3 3 3 6 0 3 8 9 3 11 6 3 14 3 3 17 9 3 19 9	63 64 65 66 67 68 69 70	9 9 9 9 9 12 6 9 15 3 9 18 0	15	000	687 100
28	3 14 3 3 17 0	71	9 15 3	6	000	825 00
29	3 19 9	72		1 2	000	962 100
30	4 2 6	73	10 09		000	1100 00
31	4 5 3	74	10 0 9 10 3 6 10 6 3		000	1375 00
32	4 8 0	71 72 73 74 75 76	10 6 3	The state of the s		. 2, 1
31 32 33 34	3 19 9 4 2 6 4 5 3 4 8 0 4 10 9 4 13 6 4 16 3	70	10 9 0		he Gr	eat Hundre
35	4 16 3	77 78	10 14 6		112	be Groffe
35 36	4 16 3 4 19 0	79	10 17 3			19 160
37	5 19	79	0 0 11		144	19 160 Weigh
37 38	5 46	181	11 2 9		256	35 40
39	5 7 3	82	II 2 9 II 5 6 II 8 3 II II 0 II 13 9 II 16 6	Wit .	Day.	in a Tear
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N.	7. 7.	-	-	N.	14			1-2	I N		b. d.	
6.8	0 2	40	2	44			6	0 .15	88		9 4	
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3	I 16	10	12.0	56	8	18	8		99	14 0		
100	1 19	-		57	8	1	6		100	14 3	4	
14 15	2 2			58	8	47	4 2		200			
10 17	2 5	4 2		59	8	10	0		300	42 10 56 13	_	
8	2 11			61	8	12	10		500			
19	2 13	10	L St	62	8	18	8		600		0	
1	2 16			63	8		6	4 4	700	99 3		
12	3 2	1		64	9	4	4 2		800	113 6		
				66	9	7	0		900	IAT IZ		
3	3 8			67	9	9	IO	1	2000	283 6	\$	
5				68	9	12	8		3000	425 0	0	
16	3 13			69	9	18	6		4000	566 13 708 6	8	
28	3 19		e di maria	71	10	1	2		5000	850 0		
29	4 2	2		72	10	4	0		7000	991 13		
30	4 5	0		73	10	6	IO	1 4.5	8000	1133 6	4	
31	4 7	10		74	10	12	8		9000	1275 0	0	
33	4 13	6		75	10	15	4		100001	1416 13	4	
34	4 16	4		77	10	18	2			reat Hundr		
35	4 19	2	6-1	78	11	1	0		112		4	
36	5 4	10	121	79 8c	II	3	8		144	be Groffe	0	
37 38	5 4	8		81	II	9	6		141	the Weigh		
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8	2 9 7 2 12 6		61	8 17	11		500	72	18 4
9			62	9 0	10		600	87	10 0
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7 8			70	10 4			6000	729 875	3 4
8			71	10. 7	1		7000	1020	16
9	4 4 7		72	10 10	0		8000	1166	13
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12	4 10 5		74 75	10 18			10000	1458	61
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35	5 5 0		79	11 10	5				0
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13 9	10 30	44 6 12 0	87	13 1 0
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13 9 16 8 19 7 2 6 5 1	50150	48 7 4 0	92	13 16 0
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14 1	81 40	51 7 13 0	94	14 2 0
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8 9		56 8 8 9	100	14 17 0
3 4 15 6 18 18 4	FT 1	57 8 11 0	200	30 00
15	15 2 5 0	501 8 17 0	300	45 00
6 8	17 2 11 0	60 0 00	400	60 00
18	18 2 14 0	[61] 9 3 9	500	75 00
10 0	19 2 17 0	62 9 6 6	600	90 0 0
1 1 1 5 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	20 3 0 0 21 3 3 0 22 3 6 0	63 9 9 0	800	105 0 0
13 4	21 3 3 0	65 9 15 0	900	135 0 0
16	22 3 6 0 23 3 9 0 24 3 12 0 25 3 15 0 26 3 18 0	65 9 15 0	1000	150 00
13	23 3 9 0 24 3 12 0	67 10 1 0	1 2000	300 0 0
10 0	25 3 15 0 26 3 18 0	68 10 4 0	3000	450 00
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16	23 3 9 0 24 3 12 0 25 3 15 0 26 3 18 0 27 4 1 0 28 4 4 0	70 10 10 0	5000	750 0 0
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indred		76 11 80	The C	reat Hundred
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V. [L. fb. d.	1 1	. L	. fb. d.	,	N.	Li.	fb. d.
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7 1 29	15	0	8 2 6		93	15	2 3
8 1 60	15	11	8 5 9 8 9 0 8 12 3 8 15 6 8 18 9		94	15	63 11
9 I 9 3	15	2	8 90		95 96	15	
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2 2 3	1 5	6	9 2 0	1 1 1	100	15 16 16	19
4 2 5 6	5	7	9 8 3	1 10	100	10	5 0
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2 2 3 4 2 5 6 5 2 8 9 6 2 12 0 7 2 15 3 8 2 18 6	5	91	9 11 9 9 15 0 9 18 3		300	32 48 65	15 0
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8 2 18 6	6	I	9 18 3		500	01	50
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9 3 1 9 0 3 5 0 1 3 8 3 2 3 11 6	100	4 1	0 8 0		900	97 113 130 146 162	50
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3 14 9	6	6 1			2000	225	00
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7 I 3 4 8 I 6 8	1	51	8 6 8		93 94 95 96	15 10 0 15 13 4 15 16 8 16 0 0 16 3 4
81 68		51	8 10 6 8 13 4 8 16 8		94	15 13 4 15 16 8
9 1 10 0		52	8 13 4		9)	16 0 0
10 1 13 4		53	9 0 0		90	16 3 4
11 1 16 8		53 54 55 56	9 3 4	1	97 98 99 100	16 0 0 16 3 4 16 6 8
12 2 3 4		26	9 3 4	5. 1	99	16 6 8
13 2 3 4 4 2 6 8		57	9 10		100	16 13 4 33 6 8
1 2 10 0		57	9 0 6 8 9 10 0 9 13 4 9 16 8 10 0 0		200	33 6 8 50 0 0 66 13 4
16 2 13 4 17 2 16 8		59	9 16		300	50 00
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18 3 00			10 3 4		500	83 6 8
19 3 3 4 20 3 6 8		62	10 10 6		500 600 700 800	100 0 0
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7 4 10 0		70	11 13 4		5000	833 68
28 4 13 4 29 4 16 8			11 16 8		6000	1000 0 0 1166 13 4 1333 6 8
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305 00		73	12 3 4		8000	1333 6 8
31 5 3 4		74	12 0 0 12 3 4 12 6 8		10000	1666 13 4
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34 5 13 4 35 5 16 8 36 6 0 0		77	13 0 0	177	112	18 13 4
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40 5 13 4 41 6 46 8		83 1	3 16 8		3651	60 16 8
41 6 16 8 42 7 0 0	1	85 1	14 0 0	1	Fiel	in a Rod
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N. L. f. d.	N.L	(b. d.)	I N	1 Li. fb. i.
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	148 8	4 0	10	15 10 11
0106	149 8	7 5	92	
6 1 0 6 7 1 3 11 8 1 7 4	50 8	10 10	93	15 17 9
8 1 7 4		14 3	91	15 1 2
9 1 10 9	52 8		95	16 4 7
1 14 2	53 9	1 1	95	16 8 0
1 1 17 7	5+ 9	4 6	97	16 11 5
2 2 1 0 3 2 4 5	55 9	7 11	98	16 14 10
3 2 4 5 4 2 7 10	56 9	11 4	99	
4 2 7 10 5 2 11 3	57 9	14 9	100	
5 2 11 3	58 9	13 2	200	34 3 4
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2 18 1 8 3 1 6	60 10	8 5	400	0 0 1
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4 12 3		15 9	4000	683 6 8
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4 19 1	72 12	6 6		1195 16 8
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At 2 Shillings 6 Pence.

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8 41 7 10 4 8 42 7 14 0 13 7 17 8	1	84 85 36	15 11 8	8	27	Feet in a Rod

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6 I 2 6 7 I 6 3 8 I IO 0	4		3 9	100	92	17 5
8 1 10 0	15		11 3	70.00	93	17 8
9 1 13 9 0 1 17 6	15	2 9	15 0		91	17 12 17 16 18 0 18 3 18 7
9 I 13 9 0 I 17 6	5	1 9	18 9	1	95	17 16
1 2 1 3	5	10	26		97	18 0 0 18 3 18 18 11 18 15 0 37 10 0
2 2 5 0	. 5	10	6 3	3.3	98	18 7
	50		10 0		99	18 7 6 18 11 1 18 15
2 16 3	55	10	13 9 17 6		200	10 15
5 2 16 3 6 3 0 0 7 3 3 9 8 3 7 6 9 3 11 3 0 3 15 0	55	11	1 3	14.	300	37 10 0
3 3 9	60	II	50	0.87	400	75 00
6 3 0 0 7 3 3 9 8 3 7 6 9 3 11 3 0 3 15 0	61	II	8 9		500	93 15 0
3 11 3	61		12 6		600	112 10 0
3 15 0	63	11	16 3		700	131 50
3 18 9	64				800	150 00
4 2 6 3 4 10 0	65	12	3 9	Trans.	900	168 15 0
4 10 0	67	12			2000	375 0 0
4 13 9	68	12	11 3		3000	375 0 0 562 10 0
5 4 17 6	69	12	15 0	3 170	4000	750 00
5 1 3	70	13	2 61		5000	937 15 0
5 5 0 5 8 9 5 12 6 15 16 3	71	13	6 3		6000	1125 00
5 12 6 5 16 3 2 6 0 0	72	13	10 0	7	7000	1312 10 0
5 16 3	73	13	13 9.	119	8000	1687 10 0
16 00	75	14			10000	1875 0 0
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7 13 9	81	115	15 0		3551	68 8 9
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N L. fb. d.	N.	L. Sh. d.	, 1 N.	Li. Sh. d.
10 3 10	44	8 8 8	87	16 13 6
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40 15 4	47	9. 0 2	90	17 5 0
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811 10 8	51	9 11 8	93	18 014
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10 1 18 4	53		96	18 81 0
11 2 2 2	54	10 3 2	97	18 11:10
12 2 6 0	55	ol ol ol	98	18 15 8
13 2 9 10	56	10 14 8	99	18 19 6
14 2 13 8	57		100	19 3 4 38 6 8
16 3 1 4	58 59	11 6 2	300	57 10 0
16 3 1 4 17 3 5 2	50	o of it	400	76 13 4
18 3 9 0	5:	11 13 10	500	95 16 8
19 3 12 15	52	11 17 8	600	115 0 6
25 3 16 8	53	12 1 6	700	134 3 4 153 6 8
21 4 0 6	54	12 5 4	800	
22 4 4 4 23 4 8 2	55	12 9 2	1000	-,-
25 4 8 2 24 4 12 0	67	12 13 O	2000	383 6 8
15 4 15 10	68	13 0 8	3000	575 0 0
28 4 19 8	39	13 4 6	4000	766 13 4
17 5 3 6	73	13 8 4	5000	958 6 8
28:5 7 4	711	13 12 2	6000	1150 0 0
19 5 11 2	72	13 16 0	8000	1341 13 4
10 5 15 0	73	13 19 10	9000	1533 6 8
32 6 2 8	74	11 3 8	11 10000	1916 13 4
116 6 6	75	11 11 4		X 1.1
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15 16 14 2	78	14 19 0	T	be Groffe 4
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7 7 1 10	31	15 6 8		we Weigh
36 6 18 0 17 7 1 10 18 7 5 8 19 7 9 6	82	,	2561	49 1 4
10 7 13 A	83	15 14 4		in the Tear
41 7. 17 2	84	16 2 0	365	69 19 2
42 8 I O	85	16 5 10	272	tin a Rod 52 2 8
43 8 4 10	86	16 9 81	0 1 2/21	52 2 8

ar 9

N L fb d N L fb d N Li fb d 1
12 9

5.

N. L. fb. d.	Vi com	N.	L. Sh. d.	1 VV	N.	Li. fb.
-		44	8 16 0		87	17 8
10 40		45	9 00		88	17 12
30 12 0		46	9 4 0		89	17 16
40 16 0		47	9 80		90	18 0
		48	9 12 0		91	18 4
6 1 4 0 7 1 8 0		49	9 16 0		92	18 12
7 1 8 0		50			93	18 16
9 1 16 0		52	10 4 0	. 100	94 95	19 0
10 2 0 0	To a second	53	10 12 0		96	19 4
11 2 4 0		54	10 16 0	1	97	
12 2 8 0	·	55	11 00		98	19 12
3 2 12 0		56	11 40		99	19 16 0
4 2 16 0	11. 33	57	11 12 0		200	40 0 0
613 40		59	11 16 0	1847 10	300	60 0
6 3 4 0		60	12 0 0		400	80 0 0
8 3 12 0		61	12 4 0		500	100 0 0
9 3 16 0	45 10 15	62		1423	600	120 0 0
04 00		63	12 12 0		700	140 0 0
1 4 4.0		64	12 16 0	. 517	800	180 0 0
	SERVICE	65			900	180 0 0
3 4 12 0 4 4 16 0		67	13 4 0		2000	400 0 0
5 00		68	13 12 0	1	3000	600 0 0
65 40		69	13 16 0	100	4000	800 0 0
7 5 8 0		70	14 00	1	5000	1000 0 6
8 5 12 0 9 5 16 0	4	71	14 4 0 14 8 0		6000	1200 0 0
		72	14 8 0		7000	1400 0 0
16 40		73	14 12 0 14 16 0		9000	1800 0 0
16 40		74 75	15 00			2000 0 0
36 12 0		76	,			
46 16 0			15 40			eat Hundrea
5 7 00		77 78	15 12 0	193	112	be Groffe
7 4 0		79 8c	15 16 0	100	144	28 16 0
		81	16 00	4	T	e Weigh
7 12 0 9 7 16 0	1 123	82	16 4 0		2561	51 40
08 00	Francis	83	16 12 0		: Days	in the Year
	DAY.	84	16 16 0	W. I.	3651	73 00
2880		85	17 00	· .		in a Rod
13 8 12 0	Charles And	86	17 4 0	1	272	54 8 5

N. L. fb. d. N. L. fb. d. 44 8 19 8 45 9 3 9 46 9 7 10 47 10 61 4 48 9 16 0 1 7 1 8 7 50 10 4 2 8 1 12 8 51 10 8 3	N. Li. Sh. 4 87 17 15 3 88 17 19 4 89 18 3 5 90 18 7 6
1 0 4 1 44 8 19 8 2 45 9 3 9	87 17 15 3 88 17 19 4 89 18 3 5
20 8 2 45 9 3 9	89 18 3 5
30 12 3 - 46 9 7 10	0 1 18 7 6
2 0 8 2 3 0 12 3 4 0 16 4 5 1 0 5 6 1 4 6 7 1 8 7 8 1 12 8 5 1 0 8 3	
4 0 16 4 47 9 11 11 5 1 0 5 48 9 16 0	91 18 11 7
6 1 4 6 49 10 0 1 7 1 8 7 50 10 4 2	92 18 15 8
7 1 8 7 50 10 4 2 81 12 8 51 10 8 3 9 1 16 9 52 10 12 4 10 2 0 10 53 10 16 5 11 2 4 11 54 11 0 6	93 18 19 9
8 1 12 8 9 1 16 9 51 10 8 3 52 10 12 4	19 3 10
9 1 16 9 52 10 12 4	19 12 0
11 2 4 11 53 10 16 5 11 2 4 11 54 11 0 6 12 2 9 0 55 11 4 7	7 19 16 1
12 2 9 0 55 11 4 7 13 2 13 1 56 11 8 8	06 19 12 0 19 16 1 18 20 0 2 20 4 3
12 2 9 0 55 11 4 7 1 14 2 17 2 56 11 8 8 57 11 12 9 10	20 8 4
12 2 9 0 55 11 4 7 13 2 13 1 56 11 8 8 14 2 17 2 57 11 12 9 15 3 1 3 58 11 16 10 20 16 3 5 4 59 12 0 11 33 17 3 9 5 60 12 5 0 40 18 3 13 6 61 12 9 1 50 19 3 17 7 62 12 13 2 60 20 4 1 8 63 12 17 3 70 20 4 1 8 63 12 17 3 70 21 4 5 9 64 13 1 4 80	20 0 2 20 4 3 20 8 4 40 16 8 61 5 0 81 13 4 10 2 1 8 10 2
15 3 1 3 58 11 16 10 20 16 3 5 4 59 12 0 11 30	0 61 5 0
16 3 5 4 59 12 0 11 33 17 3 9 5 60 12 5 0 40 18 3 13 6 61 12 9 1	81 13 4
15 3 1 3 58 11 16 10 20 16 3 5 4 59 12 0 11 33 17 3 9 5 60 12 5 0 40 18 3 13 6 61 12 9 1 50 19 3 17 7 62 12 13 2 63 20 4 1 8 63 12 17 3 70 21 4 5 9 64 13 1 4 86	0 122 10 0
19 3 17 7 62 12 13 2 63 2 9 4 1 8 63 12 17 3	
20 4 1 8 63 12 17 3 70 21 4 5 9 64 13 1 4 80 22 4 9 10 65 13 5 5 95	0 163 6 8
22 4 9 10 65 13 5 5 95	142 18 4 163 6 8 183 15 0 204 3 4 408 6 8 612 10 0 816 13 4 1920 16 8
23 4 13 11 66 13 9 6 100 24 4 18 0 67 13 13 7 200	0 408 6 8
25 5 2 1 68 13 17 8 300	0 612 10 0
26 5 6 2 69 14 1 9 400 27 5 10 3 70 14 5 10 500	816 13 4
26 5 6 2 6 9 14 1 9 400 27 5 10 3 70 14 5 10 500 28 5 14 4 71 14 9 11 650 29 5 18 5 72 14 14 0 700 30 6 2 6 73 14 18 1 800	1020 16 8
28 5 14 4 71 14 9 11 600 29 5 18 5 72 14 14 0 700	
29 5 18 5 72 14 14 0 700 30 6 2 6 73 14 18 1 800	1633 6 8
30 6 2 6 7 73 14 18 1 800 900 1000 1000	
31 6 6 7 7 74 15 2 2 75 15 6 3 1000 33 6 14 9 76 15 10 4 77 15 14 5 78 15 18 6 111	
33 6 14 9 76 15 10 4 The	Great Hundred
34 6 18 10 77 15 14 5 78 15 18 6 111	1 22 17 4 The Grosse
36 7 7 0 79 16 2 7 37 7 11 1 80 16 6 8	
37 7 11 1 80 16 6 8 38 7 15 2 81 16 10 9	The Weigh
38 7 15 2 81 16 10 9 39 7 19 3 82 16 14 10 250	Days in a Year
83 16 18 11	Days in a Tear
11 8 7 5 84 17 3 0 360	eet in a Rod
12 8 11 6 85 17 7 1 27	
43 8 15 7 86 17 11 2 2/2	1 1 1 1 1 1

	1	it 4 Settlings 2 Per	ж.
41	N. L. fb. d.	N. L. Sh. d.	N. Li. St. d.
- d 34566789910112334800480048004800	N. L. fb. d. 10 4 2 20 8 4 30 12 6 40 16 8 51 0 10 61 5 0 71 9 2 81 13 4 91 17 6 10 2 1 8 11 2 5 10 12 2 10 0 13 2 14 2 14 2 12 15 3 2 6 16 3 6 8 17 3 10 10 18 3 15 0 19 3 19 2 20 4 3 4 11 8 13 4 15 10 24 5 0 0 25 5 4 2 26 5 8 4 27 5 12 6 28 5 16 8	N. L. fb. d.	N. Li. fb. d- 87 18 2 6 88 18 6 8 89 18 10 10 90 18 15 10 90 18 19 2 91 19 3 4 93 19 7 6 94 19 11 8 95 19 15 10 96 20 0 0 97 20 4 2 98 20 12 6 100 20 16 8 200 41 13 4 300 62 10 0 400 83 6 8 500 104 3 4 900 187 10 0 1000 208 6 8 2000 416 13 4 900 187 10 0 1000 208 6 8 2000 1041 13 4 3000 625 0 0 4000 833 6 8 5000 1041 13 4 5000 1041 13 4 5000 1041 13 4 5000 1041 13 4 5000 1041 13 4
4800480048	10 4 3 4 11 4 7 6 12 4 11 8 13 4 15 10 14 5 0 0 25 5 4 2 26 5 8 4 1	63 13 2 6 64 13 6 8 65 13 10 10 66 13 15 c 67 13 19 2 68 14 3 4 69 14 7 6 70 14 11 8 71 14 15 10 72 15 0 0	800 166 13 4 900 187 10 0 1000 208 6 8 2000 416 13 4 3000 625 0 0 4000 833 6 8 5000 1041 13 4
4 cd 4 0 4 5 8	32 6 13 4 33 6 17 6 34 7 1 8 35 7 5 10 36 7 10 0 37 7 14 2 38 7 18 4 38 8 2 6 40 8 6 8 41 8 10 10 42 8 15 0 43 8 19 2	74 15 8 4 75 15 12 6 76 15 16 8 77 16 0 10 78 16 5 0 79 16 9 2 80 16 13 4 81 16 17 6 82 17 1 8 83 17 5 10 84 17 10 0 85 17 14 2 86 17 18 4	The Great Hundred 112 23 6 8 The Groffe 144 30 0 0 The Weigh 256 53 6 8 Days in the Tear 365 76 0 10 Feet in a Red 272 56 13 4

N.I	L. Sh. d. 1	1 N.	L. Sh. a	1	N.	Li. Sb.4
N.		44	9 70		87	18 99
3	0 4 3	45	9 11 3		88	18 14 0
2	0 12 9	46			89	18 18 3
	0 17 0	47	9 19 5		90	19 26
4	1 13	47			91	
2	1 5 6	49			92 93	19-11 0
7	99	50	10 8 3		93	
6	1 9 9	51	10 16 9		94	19 19 6
0	1 9 9 1 14 0 1 18 3	52	II I C		94 95	20 39
	2 2 6	53			96	20 80
10	2 2 6 2 6 9	53	11 5 3		97	20 12 1
	0 11 5	54	11 13 9		97 98	20 16 6
12	15 3	56	11 5 3 11 9 6 11 13 9	1	99	21 09
13 14 15 15 16 17 18 18 18		57	12 2 3	1 2 3	100	21 50
14	3 9	57	12 2 3	1	200	21 50 42 100
:2	80	59			300	63 15 0
15 3 16 3 17 3 18 3	3 9 3 0 12 3 16 6	60	12 10 9 12 15 0 12 19 3 13 3 6 13 7 9 13 12 0		400	0-
6	12 3	61	12 19 3		500	106 5 0 127 10 0 148 15 0 170 0 0
10 3	09	62	12 19 3 13 3 6	1	600	127 100
19 4	50	62	13 7 9	1	700	148 15 0
20 4	2 2	63	13 12 0		800	170 00
21 4	9 3 9 3 13 6	65	13 12 0 13 16 3		900	106 50 127 100 148 150 170 00 191 50 212 100
22 4	17 9	66	14 0 6		900	212 10 0
23 4	20	67	14 4 9		2000	425 00
24 5	6 3	65 66 67 68	14 90	-	3000	637 100
25 5		69			4000	850 00
26 5 27 5 28 5	14 9	70	14 13 3		5000	1062 100
27 5	14 9	71	15 1 9		6000	1275 00
	2 2	72	15 60	1	7000	1487 100
29 6	3 3 7 6 11 9	73		1	8000	1700 00
3	11 0	73	15 10 3		9000	1912 100
31 6	11 9	74	15 18 9		10000	2125 00
22 12	0 2	76				
33 7 34 7 35 7 36 7 37 7 38 8	0 3 4 6 8 9 13 0	70		1	The G	reat Hundrel
34/	8 9	77 78	16 11 6	1 1	112	23 160
3) /	13 0	70			T	be Groffe
30 17	13 0	79 80 81	16 15 9		144	30 120
36 6	17 3	181			1 7	be Weigh
30 8	60	82	17 4 3	1	256	54 80
29 6 30 6 31 6 32 6 33 7 33 7 33 7 33 8 83 9 84 9	5 9	83			Day	s in a lear
40 0		84		P. V. S. S.	365	77 113
41 8	14 3	04	17 17 0		Fee	t in a Rod
41 8 42 8 43 9	10 0	85	18 1 3	1	272	57 160
13/9	29	1001	10) 0	1		

N.	L. Jb.d.	1	N. 44	L. Sh. d		N.	Li. fb. 4
N 1 2 3 4 5 6 7 8	0 4 4	1	144	9 10 8		87 88 89	18 17
2	0 4 4 0 8 8 0 13 0 0 17 4 1 1 8 1 6 0 1 10 4 1 14 8		145	9 15 0		88	19 1 4 19 5 8 19 10 0 19 14 4 19 18 8
3	0 13 0		146	9 19 4		89	19 5 8
4	0 17 4		47	10 3 8		90	19 10 0
5	1 1 8		48	10 8 0		91	19 14 4
6	1 60		49	10 12 4		92 93	19 18 8
7	1 10 4	1	50	10 16 8	1	93	20 3 0
8	1 14 8	1.00	51	11 1 0	-	94 95	20 7 4
9	1 19 0		132	11 5 4		95	20 11 8
1	2 3 4 2 7 8		53	11 14 0	1	96 97 98	21 0 4
2	2 12 0	1	134	11 18 4		98	21 0 4
3	2 3 4 2 7 8 2 12 0 2 16 4	1	55	11 1 0 11 5 4 11 9 8 11 14 0 11 18 4 12 2 8		99	21 90
14	2 3 4 2 7 8 2 12 0 2 16 4 3 0 8 3 5 0 3 9 4 3 13 8 3 18 0 4 2 4		57	12 7 0		99	21 4 8 21 9 0 21 13 4 43 6 8 65 0 0 86 13 4 108 6 8
15	3 50	1	57	12 7 0 12 11 4 12 15 8		200	21 13 4 43 6 8
15 16 17 18	3 9 4		1591	12 15 8		300	65 00
7	3 9 4 3 13 8 3 18 0		60	13 00	- 1	400	86 13 4 108 6 8 130 0 0 156 13 4 173 6 8 195 0 0 216 13 4
8	3 18 0	1	61	13 4 4		500	108 0 8
9	4 2 4	1	62			600	130 00
	4 2 4 4 6 8 4 11 0 4 15 4 4 19 8	23.30	63	13 13 0 13 17 4 14 1 8		800	130 0 0 156 13 4 173 6 8 195 0 0
1 2	4 II 0 4 I5 4 4 I9 8	1.00	64	14 1 8		900	195 0 0
1	1 10 8		66	14 1 8		1000	216 13 4
	1 19 8		67	14 10 4		2000	216 13 4 433 6 8 650 0 0 866 13 4 1083 6 8
3	8 4		67 68	14 10 4 14 14 8		3000	650 00
6	5 8 4 0 5 8 4 8 5 12 8 5 17 0 6 1 4 8 6 10 0 6 14 4 6 18 8		69	14 19 0		4000	866 13 4
7	12 8		70	15 3 4		5000	866 13 4
	6 I 4		71	15 7 8		6000	1300 0 0
29	5 5 8		72	15 12 0		7000	1516 13 4
0	0.01			15 16 4		8000	1733 68
31	6 10 0 6 14 4 6 18 8		74	16 0 81		9000	1950 00
32	8 81		75 76	16 5 0 16 9 4 16 13 8 16 18 0		10000	2166 13 4
33	3 0		76	16 9 4		The Gr	eat Hundred
1	7 3 0 7 4 7 11 8 7 16 0		77 78	16 13 8		1121	21 5 4
12	16 0		70	16 18 0		Th	c Groffe
7				17 2 4		144	31 49
8	7 7 4 7 11 8 7 16 0 8 0 4 8		81	17 11 0		Th	31 4 9 e Weigh
39	90		182	7 15 4		2561	55 94
	8 13 4		1831	17 15 4		Days	in the Year
	8 13 4		1841	18 40		3651	79 18
42	20	-	85			Fee	
431	9 6 4	15:2	86	18 12 8		272	10 10 5

N.	L. fb	. d.	1	N.	L.	ſh.	d.	1	I N.	Li.	fh. d
1	0 4	<u>d.</u>		44	9	14	4		87 88	19	4 3
2	0 8	10		45	9	18	9		88	19	8 8
3456	0 13	3		46	10	3	9		89	19	13 1
4	0 17			47	10	7	7		90	19	17 6
5	I 2	1		48	10	12	0		91	20	1 11
0	1 6	6		49	10	16	5		92 93	20	6 4
8		II	5 1 1	50	II	0	CI	11.	93		10 9 15 2 19 7
	1 15	4		51	11	5	3		94	20	19 7
9		9		52	11	9		1000	95 96	21	
II	2 4 2 8	7		54	II	14	6	11	90	21	
12	2 13	0		55	12	2	II		97 98	21	12 10
13	2 13	5		56	[2	7	4		99	21	8 5 12 10 17 3
14	2 17 3 ·I	10		57	12	II	9	1	100	22	1 8
14				158	12	16	2		200		3 4
16	3 10	38		159	13	0	7		300	66	3 4 5 6 8
17	3 15	I		60	13	. 5	0		400	88	6 8
17	3 19	.6	1.	61	13	9	5		500	110	8 4
19	4 3	11		62	13	13	5		600	132	10 0
20	4 8	4		63	13	18	38		700	154	
21	4 12	9		61	1.1	2			800	176	13 4
22	4 17	2		65	14	7	I	-0	900	198	15 0
3	5 1	7		66	14	11	6		1000	220	16 8
24	5 6	0		67	14	15	II		2000	441	13 4
25	5 10	5		-68	15	0	4		3000	662 883	6 8
26	5 14	10		69	15	4	9		4000	1104	12 1
27	5 19	3		70	15	9	2		6000	1325	13 4
29	6.8	1		72	15	13	7		7300	1546	6 8
20	6 12	6		7	6	2	6		8000	1767	3 4
21	6 16	II		74	15	6	10		9000	1988	3 4
32	7 1	4		75	16	TI			10000	2208	16 8
33	7 5	9		75	15	15	3		7 0		
34	7 10	2		77	17	0	- 1		103 G	reat Hi	marea 8
35		7	1.1	77 78	17	4	6		112	be Gre	14 8
36	7 19	0	Line -	79	17	8	II				16 0
37	8 3	51		80	17	13			111	he Wei	oh
30 31 32 33 34 35 36	8 7	I		81	17	17	4.9.2.7.0.5		256	56	8 01
9	8 12	3		82	18	2	2	N. W.		s in a	Tear !
0	8 16			83	18	6	7		365	80	12 1
12	9 5	6	1	84	18 18 18	6	0			et in a	Rod
		A							272		

		At 4 5%	illings	6 Pen	de		7
7 6	N. L. M. d. 10 4 6 20 9 0 30 13 6 40 18 0	N. 44 45 46	L. fb. d. 9 18 0 10 2 6		N. 87 88 89	Li. fb. 19 17 19 16 20 0	6 6
1 11 6 4 9 9	2 0 9 0 3 0 13 6 4 0 18 0 5 1 2 6 6 1 7 0 7 1 11 6 8 1 16 0 9 2 0 6	47 48 49 50 51 52	10 11 6 10 16 0 11 0 6 11 5 0 11 9 6 11 14 0	11 (4) 11 (4) 11 (4) 11 (7)	90 91 92 93 94	20 5 20 9 20 14 20 18 21 3	0000000
4 0 8 5 2 10	10 2 5 0 11 2 9 6 12 2 14 0	53 54 55 56 57	11 18 6 12 3 0 12 7 6 12 12 0 12 16 6	1177	95 96 97 98 99 100	21 7 21 12 21 16 22 1 22 5 22 10	006000
17 3 4 5 0 6 8 4 10 0 11 8	15 3 7 6 16 3 12 0 17 3 16 6 18 4 1 0 19 4 5 6	59 60 61 62	13 1 0 13 5 6 13 10 0 13 14 6 13 19 0	27 67 24 10 24 10	200 300 400 500 600	45 0 67 10 90 0 112 10 135 0	00000
13 4 15 0 16 8 13 4	21 4 14 6 22 4 19 0 23 5 3 6 24 5 8 0	64 65 66 67	14 8 0 14 12 6 14 17 0 15 1 6	71 - 10 1 71 - 10 1 71 - 10 1	700 800 900 1000 2000 3000	157 10 180 0 202 10 225 0 450 0 675 0	00000
3 4 6 8 3 4	30 6 15 0	69 1 70 1 71 7 72 1	5 10 6 5 15 0 5 19 6 6 4 0 6 8 6	77 16	4000 5000 6000 7000	900 0 1125 0 1350 0	00000
adred 4 8	32 7 4 0 33 7 8 6 34 7 13 0 35 7 17 6	74 1 75 1 76 1 77 1 78 1	6 13 0 6 17 6 7 2 0 7 6 6 7 11 0		The Gre	2025 0 3250 0 at Hundre 25 4 Grosse	00000
16 0 6 10 8 ar 12 1	36 8 2 0 37 8 6 6 38 8 11 0 39 8 15 6 40 9 0 0	82 1	8 0 0 8 4 6 8 9 0 8 13 6	21 (8) 21 (8) 21 (8)	144 The 256	Weigh 57 12 the Year	0 0
[d	4 9 9 0	84 I 85 I	9 2 6	61 98	Feet 272		

N.	LL. M.	d.	IN.	L.	Sh.	d.		I N.	Li.	M. 4
1	0 4	7	44	10	ī	8		87	19	18
	0 9	2	45	10	6	- 1		88	20	3
3	0 9	9	46	10	10	3		89	20	71
345678	0 18	4	47	10	15	5	11	00	20	12
5	1 2	II	48	II	15	00		91 92 93	20	17
6	1 7	6	49	II	4	7	11 01	92	21	I
7	1 12	I	150	11	9	22	11	93	21	6
8	1 16	8	51	11	13	9	11 117	94	21	10 1
9	2 1	3	52	11	18	4	12 143	95	21 22	15
10	2 5	IO	53	12	2	6	11 27	96	22	
11 12 13	2 10	5	154	12	7	0	1114	97 98	22	4
12	2 15	0	55	12	12	8	21133	90	22	12
13	2 19	7	57			P	21	100	22	4 9 13 18
14	3 4	2 9	158	13	5	3	24	200	45	16
14 15 16	3 13	1	150	13	10			300	68	10
17	3 17	4	59	13	15	50729	2 1 1 1	400 500 600 700	91 114 137 160 183	13
17 18 19 20	4 2	6	61	13	19	7		500	1114	11
10	4 7	1	162	14	4	2	5.61	600	137	10
20	4 7	8	63	14	8	9		700	160	8
	4 16	3	64	14	13	4		800	183	6
21 22 23 24 25 26 27 28	5 0	10	65	14	13	11	0	900	200	8 6 5 3 6
23	5 5	5	66 67 68 69	15	2	6	14.00	1000	229 458 688	3
24	5 10	0	67	15	7	. 1	1. 1.3	2000	458	6
25	5 14	7	68	15	II.	8	21	3000	688	10 13 16
26	5 19	2	69	15	16	3		4000	917	13
27	6 8	9	70	16	0	10		5000	1146	10
28	6 8	4	71	16	5	5		6000	1376	3 6 10 13
29	6 12	11	72	16	10	0	511 3	7000 8000	1605	3
30	6 17	6	73	16	14	7	11:00	9000	2063	10
31	7 2	8	74	16	19	2		10000	2292	12
32		0	75	17	38	9	NAME OF			
33	7 11 7 15	3	77	17	10	4	1.100		reat H	undre
54	7 15	6	78	17	17	6		112	25	13
3)	8 5	5	79	18	2	1	17:00		be Gro	He
20	8 9	7	80	18	6	8	11180	144	33	,0
30 31 33 35 36 38	8 14	2	80	18	11	3	611.0		he Wes	gn
20	8 9 8 14 8 18	0	182	18	14	10	2110	256	58	Tear
39	9 3	9	183	19	0	3 10	21 10	Day	sin a	12.1
aT	9.7	111	181	19	5	ó		365	83	12 1 Del
41	9 3 9 7 9 12	6	83 84 85 86	19	9	7	21 10		et in 4	Km
43	9 17	1 373	186		14	13 -1	K - 1 60	372	02	0

N. L. fb. d. 1	N. L. fb. d.	1 N. 1 Li. M.4
N. L. fb. d. 1 0 4 8 2 0 9 4 3 0 14 0 4 0 18 8 5 1 3 4 6 1 8 0 7 1 12 8 7 1 17 4 9 2 2 0 10 2 6 8	44 10 5 4 45 10 10 0 46 10 14 8 47 10 19 4 48 11 4 0 49 11 8 8 50 11 13 4 51 11 18 0 52 12 2 8	87 20 6 0 88 20 10 8 89 20 15 4 90 21 0 0 91 21 4 8 92 21 9 4 93 21 14 0 94 21 18 8 95 22 3 4 96 22 8 0
2 11 4 2 16 0 3 0 8 4 3 5 4 3 10 0 6 3 14 8 7 3 19 4	54 12 12 0 55 12 16 8 56 13 1 4 57 13 6 0 58 13 10 8 59 13 15 4 60 14 0 0 61 14 4 8	98 22 17 4 98 22 17 4 99 23 2 0 100 23 6 8 200 46 13 4
4 13 4 4 18 0 5 2 8 5 7 4 5 12 0 5 16 8	62 14 9 4 63 14 14 0 64 14 18 8 65 15 3 4 66 15 8 0 67 15 12 8 68 15 17 4 69 16 2 0 70 16 6 8	400 93 6 8 500 116 13 4 660 140 0 0 700 163 6 8 800 186 13 4 900 210 p 1000 233 6 8 2000 466 13 4 3000 700 0 0 4000 933 6 8 5000 1166 13 4
8 6 10 8 9 6 15 4 7 0 0 1 7 4 8 2 7 9 4	71 16 11 4 72 16 16 0 73 17 0 8 74 17 5 4 75 17 10 8 76 17 14 8	6000 1400 0 0 7000 1533 6 8 8000 1866 13 4 9000 2100 0 0 10000 2333 6 8 The Great Hundred 112 26 2 8
7 14 0 1 7 18 8 1 8 3 4 1 8 12 8 1 7 4 1 8 12 8 1 9 2 0 1 9 1 0 1 9	78 18 4 0 79 18 8 8 80 18 13 4 81 18 18 0 82 19 2 8 83 19 7 4 84 19 12 0 85 19 16 8 86 20 1 4	The Grosse 144 33 12-9 The Weigh 256 59 14 8 Days in the lean 365 85 3 4 Free in a Rod 272 63 9 4

N. L. Sh. 4		Pence.	1. Li. fb.
1 0 4 9	44 10 9 45 10 13 46 10 18	2 2 8 8 8 8	20 13 3 8 20 18 0 9 21 29
3 0 14 3 4 0 19 0 5 1 3 9 6 1 8 6 7 1 13 3 8 1 18 0	47 11 3 48 11 8 49 11 12 50 11 17 51 12 2	3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	21 12 3 2 21 17 0 3 22 19
9 2 2 9 10 2 7 6 11 2 12 3 12 2 17 0	52 12 7 53 12 11 54 12 16 55 113 1	999999999999999999999999999999999999999	22 11 3 22 16 0 23 0 9 3 23 5 6
16 3 16 0	57 13 10	99 9 10 6 200 31 9 400	23 15 0 47 10 0 71 5 0
18 4 5 6 19 4 10 3 20 4 15 0 21 4 19 9	61 14 9	9: 500 600	118 15 0 142 10 0 166 5 0 190 0 0
22 5 4 6 23 5 9 3 24 5 14 b 25 5 18 9	65 15 8 66 15 13 67 15 18 68 16 3	700 800 900 1000 2000 3000	475 00 712 100
26 6 3 6 27 6 8 3 28 6 13 0 29 6 17 9 30 7 2 6	70 16 12 6	7000	1425 00
31 7 7 3	74 17 14 6 75 17 16 3 76 18 1 0 77 18 5 9	9300 1000b	2137 10 0 2375 0 0 reat Hundrel
33 7 16 9 34 8 1 6 35 8 6 3 36 8 11 9 38 9 9 5 3 30 9 10 9 11 9 14 9	78 18 10 6 79 18 15 3 80 19 0 0 81 19 4 9	1441	e Grosse. 34 40 e Weigh 60 160
9 14 9 14 9 12 9 19 6 13 16 4 3	82 19 9 6 83 19 14 3 84 19 19 0 85 20 3 3 9 85 20 8 6	Days 365	in the Test 86 13 9 in a Rod 61 12 0

N.	L. fb.	d.	1	N.	L. fb. d.	1	N.	Li. Sh.	d.
N. 1 2 3	0 4	10		44	10 12 8		87 83	21 0	6
2	0 9	8		45	10 17 6		83	21 5	4 2
31	0 9	6		46	11 2 4	1	89	21 10	
4	0 19	4		47	11 7 2		90	21 15	10
5	1 4	2		48	11 12 0		92	21 19	S
6	I 9	0		19	11 16 10 12 1 8		93	22 9	6
4 5 6 7 8	I 13 I 18	8		50	12 1 8	1	91		
9	2 3	6		52	12 11 4		94 95	22 19	4
10	2 8	4		53	12 15 2		96	23 4	10
11	2 13	2		54	13 1 0		97	23 8	10
12	2 3 2 8 2 13 2 18 3 2 3 7	0		55	13 5 10		97 98 99 105	23 4 23 8 23 13 23 13	8
13	3 2	10		5.5	13 10 8	100	99	23 13	6
14	3 7	8		57	13 15 6	21.6	200	24 3 48 6	8
15	2 13 2 18 3 2 3 7 3 12 3 17			59	14 0 4		300	72 10	0
17	4 2	4 2		60	14 10 0		400	95 13	
8	4 7	0		6:	14 14 10	1 3 3	500	120 16	8
9	4 7 4 11	10.		5.7	11 19 8		633	145 0	0
0	4 16	8		53	45 4 6		700	169 3 193 6	8
1	5 6	6		5.	15 9 4		800	193 6	0
2	5 6	+		40	15 14 2	MILE TO	900	217 10	
3	5 11	1 3		67	15 19 0		2003	241 13 483 6	48
51	6 49	10		68	16 8 8		300d	725 0	0
105	6. 1	3		69	16 13 6		4000	955 13	48
78	6.10	. 6		70	16 13 6 16 18 4		5000	12.8 6	
162	6 15	4		71	17 3 2		6000	1450 0	0
32	7 0	2		72			8000	1691 13 1933 6	4
31	7 5	0	1	73			90.0	2175 0	-0
32	7 14	8		75	18 2 6		ceoor	2416 13	4
33	7 19	6		75	18 7 4		The Gr	ea Hondre	
34	8 4	4		77	18 12 2 18 17 0		112	:27 I	4
36	8 14	2	1	70	18 17 0		T	be Groffe	
37	8 18	10	18	39	19 6 8		144	34 15	0
37	9 3	8	18	Sil	19 11 6	La III	Th	e Weigh	
391	9 8	6	15	321	19 16 4	- 1	2561 Dus	61 17	4
10	9 13 9 18	4	18	33	20 1 2		355 1	88 ·4	2
41-	9 18	2	15	541	20 6 0	200	Fee	in a Rad	-
43	10 3	10	13	35	20 10 10	1. 721	2721	65 14	S

N.	L. Sh d.	- N.	L. fb. d.	1 1	N.	
N. 1 2 3 4 5 6 7 8	0 4 11	44	-		87 83	21 7 21 12
2	0 9 10	45	II I 3		88	21 12
3	0 14 9	46	11 6 2		- 89	21 17
4	0 14 9	47	I II II		. 90	22 2
5	1 4 7	48	11 16 0		91 92	22 7
6	I 4 7	149	12 0 11		92	22 12
7	1 14 5	50	12 5 10 12 10 9 12 15 8		93 94	22 17
.8	1 19 4	51	12 10 9	1	94	23 2 23 7
9	2 4 3	52	12 15 8		95	23 7
10		53	13 0 7		96	23 12 23 16 1
11	2 14 1 2 19 0	54	13 5 6		97 98 99	23 16 1
12	2 19 0	55			90	
13	3 3 11 3 8 10 3 13 9 3 18 8 4 3 7 4 8 6 4 13 5 4 18 4	56	13 15 4 14 0 3 14 5 2		100	24 6
14	3 8 10	57	14 0 3		200	
15	3 13 9	58	14 5 2		300	49 3 73 15
16	3 13 9 3 18 8 4 3 7 4 8 6	59	14 10 1		400	98 6
17	4 3 7 4 8 6 4 13 5 4 18 4	60	14 15 0	13 14	500	
18	4 8 0	61			600	122 18 147 10 172 1
19	4 13 5	62	15 4 10		700	172 1
20	4 13 5 4 18 4 5 3 3 5 8 2	63	15 9 9		700 800	
21	5 3 3 5 8 2 5 13 1 5 18 0 6 2 11	64			900	196 13 221 5 245 16
21 22 23 24 25 26		66			1000	245 16
3	5 13 1	67	16 4 6	1	2000	
4	6 2 11	68	16 14 4		3000	737 10
3	5 13 1 5 18 0 6 2 11 6 7 10	69	16 9 5 16 14 4 16 19 3 17 4 2 17 9 1		4000	491 13 737 10 983 6
0	6 12 9	70	17 4 2		5000	
8	6 12 9 6 17 8		17 9 1	100	6000	1175 0
01	7 2 7	72	17 14 0		7000	1720 16
2	7 2 7 7 7	72	17 18 11 1		8000	1966 13
	7 12 5	71	17 18 11		9300	2212 10
2	7 17 4	74 75	10 8 81	10	0000	2458 6
21	7 12 5 7 17 4 8 2 3 8 7 2	76	18 13 81	1		reat Hindre
1	8 7 2	177	18 18 7		112	27 10
-	8 is 1	77 78	18 18 7		112	be Grosse.
5	7 12 5 7 17 4 8 2 3 8 7 2 8 13 1 8 17 0	79	19 8 5			35 8
71	9 1 11	801			144	
8	9 6 10	81			256	62 18
90123455789		82	20 3 2	F V	Dive	in the Year
51	9 11 9 9 16 8	831			365	89 14
1	10 1 7	1811.	10 FI CS		F	in a Rod
2	0 6 6	1851	20 17 11		272	66 17
	10 11 5	86	21 2 10		-/-	.,

-			At	5	-	8	1.		4.4
N.	L. fb. d.		IN.	IL.	Jh.d.		N.	Li.	Jh. 4.
1	0.50		44	11	00	1	87	21	15 0
2	0 10 0		45	III	.50		88	22	00
3	0 15 0		46	111	10 0		89	22	50
4	1 00		47	11	15 0	BULL	90	22	15 0
5	1 50	1	48	12	0 0		91	22	
6	I 10 0		49	12	50		92	23	00
7 8	1 15 0		150	112	10 0		93	23	10 0
	2 00	100	51	12	15 0		94	23	15 0
9	2 50		52	13	00		95	23	00
10	2 10 0		53	13	50	1.5	90	24	50
II	2 15 0	E 7 . 17	54	13	10 0		97 98	24	10 0
12	3 00		55	13	15 0	11	99	24	15 0
13	3 50	18.1	56	14	50	1	100	25	00
14	3 10 0		58	14	10 0	191	200	50	00
15	3 15 0		159	14	15 0		300	75	00
17	4 50		60	15	00		400	100	00
18	4 10 0		61	15	50		500	125	0'0
19	4 15 0		62	15	10 0		600	150	00
20	5 00		63	15	15 0		700	175	0 0
21	5 50		64	16	00	- 2	800	200	00
22	\$ 10 0		65	16	50		900	225	00
23	5 15 0		66	16	10 0	81 21	1000	250	00
24	6 00		67	16	15 0	14	2000	500	0 0
25	6 50	100	68	17	0.0		3000	750	00
26	6 10 Q	Variable 1	69	17	50		4000	1000	00
27	6 15 0		70	17	10 0		5000	1250	00
28	7 00		71	17	15 0		6000	1500	00
29	7 50		72	18	00		7000	1750	00
30	7 10 0		73	18	50	18.1	8000	2000	00
31	7 15 0		74	18	10 0	*	9000	2500	00
32	-		75	18	15 0	0	4 3		
33	8 50		76	19	00	1 11 10	The G	reat Hu	indred
34	2		77 78	19	50		112		00
35				19	15 0			be Gro	(Je
37	9 50	11	79 80	19	0 0		144	36	00
38	9 10 0	7	81	20	50		1	The Wes	_
39	9 15 0	113	82	20	10 0		256	64	00
40	10 00		83	20	15 0			s in th	
41	10 5 0		84	21	00		365		5.0
42	10 00		85	21	50			et in a	
43	10 15 0		86	21	10 0		272	00	00

IN	L. Sh. d	IN	[L. / d.	N.	Li. fb. d
10 14 5 6 7 8 8 8 19 11 12 13 14 15	L. Sh. d	44	11 3 8	87	22 2 3
1 2	0 5 1	1 45	11 3 8 11 13 10 11 13 10	88	22 2 3 22 7 4
1.3	1,015 3	46	11 13 10	89	22 12 5
1 4	1 0 4	47	11 81 11	90	22 17 6
5	I 5 5	48	12 4 0	91	23 2 7 23 7 8
6	0 5 1 0 10 2 0 15 3 1 0 4 1 5 5 1 10 6 1 15 7 2 0 8 2 10 10 2 15 11 3 1 0 3 6 1	47 48 49	12 9 1 12 14 2 12 19 3 13 4 4 13 9 5 13 14 6 13 19 7 14 4 8	92 93	23 7 8
1 3	1 15 7	50	12 14 2	93	23 12 9 23 17 10
18	2 0 8	51 52 53 54 55 56	12 19 3	94	23 17 10
18	13 5 9	152	13 4 4	95	24 2 11 24 8 0
110	2 IS II.	133	13 9 5	95	24 8 0
100	2 1 0	124	13 14 6	08	24 13 1 24 18 2
100	2 6 1	1 66	14 4 8	90	25 2 2
IA	3 11 2	57	14 9 9	94 95 96 97 98 99 100	25 8
16	1 0 4 1 5 5 1 10 6 1 15 7 2 0 8 2 10 10 2 15 11 3 11 2 3 16 3 4 1 4 4 6 6 4 11 6 4 11 6 4 16 7 5 1 8	57	14 14 10	200	22 7 4 22 12 5 22 17 6 23 2 7 23 17 9 23 17 10 24 2 11 24 18 2 25 8 4 50 16 8 76 5 8 177 18 4
16	4 1 4	59	14 19 11	200 300 400 500	76.5 0
17	4 1 4 4 6 5	60	15 5 0	400	76 5 0 101 13 4 127 1 8
18	4 11 6	61	15 5 0	500	127 1 8
16 17 18 19 20	4 1 4 4 6 5 4 11 6 4 16 7 5 1 8 5 6 9 5 11 10 5 16 11 6 2 0 6 7 1 6 12 2	62	15 15 2 16 0 3 16 5 4	600	152 to 0 177 18 4
20	5 1 8 5 6 9	63	16 0 3 16 5 4 16 10 5	700 800	177 18 4
21	5 6 9	64	16 5 4	800	203 6 8 228 15 0
21 22 23 24	5 11 10	65	16 10 5 16 15 6	900	228 15 0
23	5 16 11 6 2 0	67	16 15 6	2000	254 3 4 508 6 8
24	6 7 1	67 68		3000	762 10 0
26	6 12 2	60	17 10 9	4000	1016 13 4
27		70	17 15 10	5000	762 10 0 1016 13 4 1270 16 8
28	6 17 3 7 2 4 7 7 5 7 12 6	71	17 5 8 17 10 9 17 15 10 18 0 11 18 6 0	6000	1525 0 0
29	7 7 5	72	18 6 0	7000	1779 -3 4
30	7 7 5 7 12 6	73		8000	2033 6 8
31	7 17 7 8 2 8	74	18 16 2	9000	177.9 -3 4 2033 6 8 2287 10 0 2541 13 4
32	8 2 8	175	19 1 3	10000	2541 13 4
25 27 28 29 3 L 2 3 3 3 3 5 6 3 3 8 9 9 4 4 2 4 3	7 7 5 7 12 6 7 17 7 8 2 8 8 7 9 8 12 10 9 8 1 1 9 13 2	69 7° 71 72 73 74 75 76 77 78 79 8° 81	18 11 1 18 16 2 19 1 3 19 6 4 19 11 5 19 16 6	The Gr	eat Hundred
34	8 12 10	177	19 11 5	112	28 9 4
35	9 3 0	178		T	e Grosse
37	9 3 0 9 8 1 9 13 2 9 18 3	1 180	20 6 8	144	36 12 0
38	9 13 2	81	20 11 9	Th	e Weigh
30		82	20 II 9 20 I6 IO 21 I II	256	65 1 4
40		182	21. 1 11	Days	in the Year
41	10 8 5	81	21 7 0	3651	92 15, 5
42	10 3 4 10 8 5 10 13 6 10 18 7	85	21 12 1	Feet	
43	10 18 7	84 85 85	21 12 1 21 17 2	272	69 2 8

N.	L. fb. d.	1	IN.	L. Sb. d.	1 VI	N.	Li.	Jb.	
1	0 5 2	and the	44	11 7 4		87	22	9	16
2			45	11 12 6		88	22	14	8
	0 10 4		46	11 17 8		89	22	19	IO
3		2 10	47	12 2 10	1 -1	90	23	5	. 0
4			48	12 8 0	.6	91	23	10	2
5	1 5 10		49	12:13: 2		92	23	15	4
6	1 11 0				144	93	24	Ó	6
7	1 16 2		50		1 - 1 -	93	24	5	8
8	2 1 4			13 8 8	1	94	24	10	IO
9	2 6 6		52		3	96	24	16	0
0	2 11 8		53	13 13 10	A 13		25	I	2
I	Z 16 10		54	13 19 0	1.11	97	25	6	4
2	3 2 0		55	14 4 2	1150	90	4)	II	6
3	3 - 7 2		56	14 9 4		99	25	16	8
4	3 12 4		57	14.14 6	. 03	100	25		
5	3 17 6		58	14 19 8	100	200	51	13	4
61	4 2 8		59	15 4 10	3.3	300	77	10	8
21	4 7 10		60	15 10 0		400	703	6	0
8	4 13 0		61	15 15 2	10	500	129	3	4
9	4 18 2	14.5	62	1000 4	10	600	155	10	8
0	5 3 4		63	16 5 6	10	700	180	16	
1	5 8 6	6.00	64	16 10 8	100	800	206	13	4
2	5 13 8	3-	65	16 15 10	70	900	232	10	0
3	5 13 10	C	66	17 1 0	137	1000	258	6	8
4	6 4 0	to it	67	17 6 2	10	2000	516	13	4
5	6 9 2		68	17 11 4	100	3000	775	0	0
6	6 14 4	23	69	17 16 6	1 6 2 3	4000	1033	6	8
7	6 19 6		70	18 1 8		5000	1291	13	4
81	7 4 8		71	18 6 10	342	6000		0	0
9	7 9 10	-	72	18 12 0	125	7000		6	8
0	7 15 0	1	73	18 17 2		8000	2066	13	4
1	8 0 21		74	19 2 4	1100	9000	2325	0	10
2	8 5 4	Collin	751	19 7 6	7.75	100001	2583	6	8
3	8 10 6	-	76	19 12 8	100	H.C	- PT		,
4	8 10 6	72	77	19 17-10			eat Hu		
5	9 0 10	1	78	20 3 0	- 8-	112		18	8
6	9 6 0		791	20 8 2	10		he Gro		10
71		1	851	20 13 4	121	144	37	,4	0
8	9 16 4		81	20 18 6	2 1 19	I	be Wei		
9	10:1.6	3	82	21 3 8	18	256		2	8
0	10 6 8	1	83	21 8 10	171		in the		
ī	DI 17 0	. 1	84	21 14 0	21/2	3651	94	5.	10
12	智性别	1	85	21 190 2	5 38		ttin a.	Rad	1
13	11 2 2	1	36	22 4 4	3 80	272	73	5	14

-		A	5	Bruings	3 1 0		
N. 1	L. St. d.		N.	L. Sh d.	f	N.	Li. fb. d.
ī	0 5 3 0 10 6 0 15 9		44	II II o	The state	87 88	22 16 9
2	0 10 6		145	11 16 3	MI TURN	88	23 2 0
3	0.15 9		46	12 1 6	CONT.	89	23 7 3 23 12 6
345678	IIO	13. 17	47	12 69		90	23 12 6
5	1 6 3	900	48	12 12 0		91	23 17 9 24 3 0 24 8 3
6			49	12 17 3 13 2 6	1	92 93	24 30
7	1 16 9		50			93	24 8 3
8	2 2 0		51	13 7 9 13 13 0 13 18 3 14 3 6 14 8 9	1	94 95	24 13 6 24 18 9
9 10	2 7 3. 2 12 6 2 17 9		52	13 13 0		96	25 40
10	2 17 9		51	13 18 3		90	25 4 0 25 9 3 25 14 6
II I2	3 3 0		54 55	14 8 9		97 98 99 190	25 9 3 25 14 6
12	3 8 2		56	14 14 0		00	25 19 9
13	3 8 3 3 13 6		57	14 19 3		100	26 50
15	3 3 0 3 8 3 3 13 6 3 18 9 4 4 0		57	15 4 6		200	52 10 0
16	4 40		159	15 99		300	52 10 0 78 15 0
17	4 9 3		59	15 9 9		400	105 00
17	4 9 3 4 14 6 4 19 9		61	16 0 3	A Sail	500	131 5 0 157 10 0 183 15 0
19	4 19 9		62	16 0 3	11.4827 11	600	157 10 0
20	5 50		63	16 10 9 16 16 0	11/2	700 800	183 15 0
21	5 5 0 5 10 3 5 15 6		64	16 16 0	1100	800	210 00
22	5 15 6		65	17 1 3	3 . 7 . 1	900	236 5 0
23	6 0 9	7-11-11	66			1000	262 10 0
24	6 6 0		67 68	17 11 9		2000	525 00
25	\$ 5 0 \$ 10 3 \$ 15 6 6 0 9 6 6 0 6 11 3 6 16 6	01	68	17 17 0		3000	787 10 0
26			69 70	18 2 3		5000	1312 10 0
27 28	7 1 9 7 7 0 7 12 3 7 17 6		70			6000	1575 0 0
29	7 7 0 7 12 3		71 72	18 12 9		7000	1837 10 0
20	7 12 3		73	19 3 3		8000	2100 0 0
211		la de	74	19 3 3		9000	2362 10 0
22	8 2 9 8 0		75	19 13 9		10000	2625 0 0
331			76	19 13 9		1	eat Hundred
34		11.00	771	20 43	W. L.		
35	9 3 9 9	1611	78	20 9 6	03 175	112	be Groffe
36	9 90		79	20 14 9	cally ?	144	37 16 0
37	9 14 3	7.1	79 86 81	21 0 0	CS	144	be Weigh
30 32 33 34 33 37 38 39	9 19 6	1	81	21 53	C	256	67 4 0
39	10 4 9	W. (1)	82	21 10 6	24	Day	in the Year
40	10 10 0	Barre.	83	21 15 9	12 37	365	95 10 3
41	10 15 3	1.1	84	22 1 0	1-+-	Fee	
42	11 0 6	Essi a	85	22 63		272	71 80
43	11 59		90	22 11 6	E5 100	1	2 7 1 1 1 1 1

N.	L. Sb. d.	M. C.	N.	L. Sh. d.	1111	N.	Li. Jb.
N.	0 5 4		44	11 14 8		88	23 4
2			45	12 0 0		88	23 9
34			46	12 5 4	A Par	89	23 14
3	1 6 8	1	48	12 16 0		91	24 5
6	I 12 0	22	49	13 1 4		92	
78	1 17 4		50			93	24 16
9	2 2 8 0		51	13 12 0		94	25 6
0	2 13 4		53			95	25 12
I	2 13 4	North L	54	14 8 0		97	25 17
2	3 4 0		55	14 13 4 14 18 8	1	98	26 2
3	3 9 4 3 14 8		56	14 18 8		100	26 8
4	4 0 0		38	15 9 4		200	26 13 53 6
6	4 5 4		59	15 14 8		300	80 a
7	4 10 8		60	16 0,0	150	400	133 6
8	4 16 0		61	16 5 4		500	133 6
0	5 6 8		62	16 16 0		700	186 13
I	5. 12 0		63		- 1	800	212 6
2	5 17 4	1	1651	17 6 8		900	240 0 0 266 13
3	6 2 8 6 8 0		66	17 12 0		1000	240 0 0 266 13 533 6
4	6 13 4	100	68	17 17 4 18 2 8		3000	533 6 8
5	6 18 8		60	18. 8 0		4000	1066 13 4
8	7 40	1	70	18 13 4 18 18 8		5000	1333 68
	7 9 4 7 14 8			18 18 8		6000	1600 0 0
	8 00		72 73	19 4 0		7000	1866 13 4 2133 6 8
I				19 9 4		9000	2400 0 0
2	8 10 8		75	20 0 0	4	10000	2666 13 4
3	8 16 o 9 I 4			20 5 4	4-1	The Gr	eat Hundred
*	9 1 4 9 6 8			20 10 8		112]	29 17 4
51	9 12 0					T	be Groffe
7	9 17 4		8c	21 6 8	1	144	38 8 0
8.	9 17 4 10 2 8 10 8 0	A		21 12 0	12 11	2561	68 5 4
	10 13 4	0		21 17 4		Days	in the Year
1	8 81 01	1000	8412	22 8 0	1	3651	97 68
3	H 94	2	85 3	22 13 4		272	in a Red 72 10 8

At 5 Shillings 5 Pence.

V.	L. Sh.	41	N.	L. fb.	4.1	1 N.	Li.	Sh.	4.
	0 5	5	44	11 18	4	87	23	11	3
	0 10 1	6	44	12 3	9	88	23	16	3
2	0 16		45	12 9	2	89	24		1
3		3	46		7	90	24	7	6
1	1 1		47	112 14		91	24		II
	17	1	48	13 0	0	9:	24	18	- 1
5	1 12	6	49	13 5	5	92		10	4
3		1	150	13 10	10	93	25	3	9
31	2 3	4	51	13 16	3	94	25	9	2
1		9	152	14 1	8	95	25	14	7
1	2 14	2	53	14 -7	I	96	26		0
1	2 19	7	54	14 12	6	97 98	26	5	5
1		0	25	14 17	II	98	26	101	01
١	3 10	5	55	15 3	4	99	26	16	3
	3 15 1		57	15 3	9	IOO	27	1	8
I	4 1		57	15 14	2	200	54	3	4
1	4 6	3 8	59	15 19	7	300	81	5	01
1		I	60	16 5	0	400	108	6	8
	4 12	6	61	16 10	6	500	135		4
I			62	16 15	5	600	135		0
1	5 2 1		02	10 1)	.0	700	189	11	8
Ì		4	63	17 I 17 6	3	800	216		
I	5 13	9	64	17 0			243	15	4
I	5 19	2	65	17 12	1.	900	270	16	8
ı		7	65 66 67	17 17 18 2	6	1000			
1	6 10	0	67	18 2	11	2000	54I 812	13	4
ı	6 15		68	18 8	4	3000	.012	10	0
۱	7 0 1	0	69	18 13	9	4000	1083		8
-	7 6		70	18 19	2	5000	1354	3	4 0 8
1	7 11	3	71	19 4	71	6000	1625	0	9
l	7 17	LUG T	72	19 10	0	7000	1895		
١	8 2	5	73	19 15	5	8000	2166		4
ı	7 17 8 2 8 7 1 8 13 8 18		74	20 0	10	9000	2437		0
١	8 13	10.01	75	20 6	3	10000	2708	6	8
ì.			76	20 11	3				
1	9 4 9 9 9 15		77	20 17	I		reat Hu	inarea	8
1	9 9		77 78	21 2	6	112	30		0
1	9 4 9 9 9 15	1	70		II	1	The Gra	lle.	
1	9 1)	144	80	21 13		144	be Wes	0	0
	9 15 0 10 0 5 10 5 10	1	81		4	1	be Wes	gb	
	10 5 10	125	01	21 18	9	256	69	6	8
	10 11	0.01	82	22 4	2	Da	ys in 4	Tear	1
		111111111111111111111111111111111111111	83	22 9 22 15	7	365	08	17	I
	11 7	1	841	22 15	0	Fe	et in a	Rod	1
1			851	23 0	5	272	73	13	4
1	11 12 11		86	23 5	10	-/-!	13		1

Light of the Committee	At 5	Shillings	6 Per	ice.	
N.L. Sb. d.	IN.	L. Sh. d.	1	N.	Li. fb, d.
1056	44	12 2 0		87	23 18 6
2 0 11 0	45	12 76		88	24 4 0
3 0 16 6	46	12 13 0	1	89	24 9 6
4 1 2 0	47	12 18 6		90	24 15 0
5 1 7 6	48	13 4 0		91	25 0 6
6 I 13 0 7 I 13 6	49	13 9 6		92	25 6 0 25 II 6
	50	13 15 0	-3-2	93	25 II 6 25 I7 0
	51	14 60	2100	94	26 2 6
9 2 9 6	53	14 11 6		96	26 8 0
11 3 0 6	54	14 17 0	MAL.	07	26 13 6
12 3 60	155	15 26		981	26 19 0
13 3 11 6	56	15 80		1 99	27 4 6
14 3 17 0	57	15 13 6		100	27 10 0
15 4 2 6	58	15 19 0		200	82 10 0
16 4 8 0 17 4 13 6	59	16 4 6 16 10 0		300 400	110 00
17 4 13 6	61	16 15 6		500	137 10 0
19 5 4 6	62	17 10		600	165 00
20 5 10 0	63	17 66		700	192 10 0
21 5 15 6	64	17 12 0		830	220 0 0
22 6 1 0	65	17 17 6		900	247 10 0
23 6 6 6	66	18 3 0	15 (0)	1000	275 0 0
1-41	67	18 14 0		3000	825 0 0
	69	18 19 6	9 119	4000	1100 0 0
27 7 8 6	70	19 50	14	5000	1375 00
28 7 14 0	71	19 10 6			1650 00
29 7 19 6	72	19 16 0		7000	1925 00
	73	20 1 6	-		2200 0 0
31 8 10 6	74	20 7 0	1 7		2475 0 0
32 8 16 0	75	20 12 6	A second	100001	2750 0 0
34 9 7 0	77	21 3 6			eat Hundred
35 9 12 6	78	21 90		112	30 16 0
36 19 18 0	79	21 14 6	-	1441	se Groffe
37 10 3 6	- 8c 81	22 0 0	311.2	Th	e Wetab
39 10 14 6	82	22 5 6	118	2561	70 80
40 11 0.0	83	22 16 6	1	Days 1	in the Year
41 11. 5 6	81	23 2 0		3611	100 76
42 tt IT 0	185	23 7 6	4 4 2		in a Rod
43 11 16 6	86	23 13 0	1 3.00	2741	74 16 0

-		,		. Br	17	n.	d.	1	I N.	Li.	fb.
N.	L. Sh	. d.		N.	14	Jb.		13		24	5
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,2	OII	2	-8 "	45	12	11	3	1	89	24	16
3	0 16			46	12	16	10	1	90	25	2
45678	1 2	4		47 48	13	8	5	19:00	91	25	8
5	1 7	11	Jan 19	48			0		92	25	13
6	1 13	6		49	13	13	7		93	25	19
7	1 19	8		50	13	19	2		94		4
	2 4			51	14	4	9	100	95	26	IO
9	2 10	3		52	14	15	4	-	96	26	16
10				53 54	15	1	6		97	27	1
II	3 7	5	- 4	55	15	7	I	Mark San	98	27	7
12	3 12	7		56	15	12	8	1.4	99	27	12
13	3 18	2		57	15	18	3		Too	27	18
14	3 1 3 7 3 12 3 18 4 3	9	1	58	16	3	10		200	83	16
16	4 9	4		59	16	9	5		300	83	15
17	4 14	II		60	16	15	ó		400	III	13
17	5 0	6		61	17	o	7		500	139	11
19	5 6	1	250	62	17	6	2		600	167	10
20	5 11	8		63	17	11	9		700	195	8
21	5 17	3		61	17	17	4		800	223	6
32	6 2	10		65	18	2	H		900	251	3 6
23	6 8	5		66	18	8	6		1000	279	3
24	6 14	0		67	18	14	1		2000	558 837	
25	6 19	7		68	18	19	8		3000	837	10
26	7 5 7 10	2		69	19	5	3		4000	1116	13
27	7 10	9		70	19	10	10		5000	1395	
28	7 16 8 I	4		71	19	16	5		6000	1675	0
29	8 1	11	- 1	72	20	. 2	0		7000 8000	1954 2233	3
30	8 7	6		73	20	7	7		9000		10
31	8 7 8 13 8 18	I		74	20	13	2	1733	10000	2512	13
32		8		75	20		9	1			. 17. 18
33	9 4	3		76	21	4	4		The G	reat H	undre
34	9 9	10		77	21	9	II	3 7 600	112	31	5
35	9 15	5	11	78	21	15	6	L PAN		The Gr	offe
36	10 1	0		79 80	22	I	I		144	40	.4
37 38	10 6	7		180	22	6	8	- 11		The We	
38	10 12	2		81	22	12	3	20	256	71	9
39	10 17	9		02	22	17	IO	100	D	ys in a	Tear
40	11 3	4		83	23	3	5		365	IOI	17
41	11 8	11		84	23	9	0	1		et in	Mod
42	11 14	6		86	23 24	14	7 2		272	75	18
431	12 0	I		100	144	2	-			1	_

N. L. St. d.
L

		At	5	St. Hing.	9	Pen	ce.		
IN.	11. h d	1.4	IN.	L. A.	14-11	.Vi	N	Di.	p. 4.
N. 1 2 3 4 5 6 7 8 9 10 11 12 13	L. B. 30 30 96 30	8.888888888888888888888888888888888888	N. 44 45 46 47 48 49 50 51 52 53 54 55 56	12 13 12 18 13 4 13 10 13 16 14 1 14 7 14 13 14 19	96		87 88 89 90 91 92 93 94 95 96 97 98	25 25 25 25 25 26 26 27 27 27 27 27 27 28 28 28	11 9 17 6 3 3 4 9 6 6 3 4 2 9 3 6 5 0 1 5 0 0 0 1 5 0 0 0 1 5 0 0 0 1 5 0 0 0 1 5 0 0 0 1 5 0 0 0 1 5 0 0 0 0
13 14 15 16 17 18 19 20 21 22 23 24 25 26	96 30 96 30 96 30 9 110 8 12 17 39 50 6 12 8 30 9	00 00 00 00 00 00 00 00 00 00 00 00 00	57 58 59 60 61 62 63 64 65 66 67 68	16 19 17 5 17 10 17 16 18 2 18 8 18 13 18 19	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		100 200 300 400 500 600 700 800 900 1000 2000 3000	\$7 86 115 143 172 201 258 287 575 862	1500
26 27 28 29 30 31 32 33 34 35 36 37 38 39	9 40	0007 0007 0007 0007 0007 0007 0007 000	69 70 71 72 73 74 75 76 77 78	20 8 20 8 20 14 20 19 21 5 21 11	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4000 5000 6000 7000 8000 9000 10000 The G	134	10 0 10 0 10 0 10 0 10 0
35 36 37 38 39 40 41 42 43	10 1 3 10 7 0 10 12 9 10 18 6 11 4 3 11 10 0 11 15 9 12 1 6 12 7 3	200	78 79 80 81 82 83 84 85 86	23 17	30.00	1	144 T 256 Day 365	be Gro 41 be Wei 73 sin a 104	80

N.	L. fb. d.	1	N.	L	fb.	d.	1	N.	Li.	sh.	d.
ī	0 5 10		44	1.5	16	8		87	- 25	7	6
2	OII	1	45	13	2	6		88	25	13	4
3	0 17 6		46	13	8	4		89	25	19	2
4	11 53 14		47	13	14	2		90	26	5	0
5	11019 2	196	48	14	0	0		91	26	10	10
6	115		49	141	5	IO		92	26	16	8
7	2 0 10		50	14	Ili	8	7.4	93	27	2	6
8	2 6 8		51	14	17	6		94	27	8	4
9	2 12 6		52	15	3	4	177	95	. 27	14	2
10	2 18 4		53	15	9	2	- 7	96	28	0	0
H	3 4 2		54	15	15	0	191	97	28	5	10
12	3 10 0		551	16	0	10	1	98	28	11	18
13	3 15 10		56	16	6	8	100	99	28	17	.6
14	4 -1 8	1	57 58	16	12	6		100	29	3	8
15	47 16	15	58	16	18	4		200	58		8
16	4 13 4		591	17	4	2	ari.	300	87	IO	0
17	4 19 2		60	17	10	0	- 101	400	116	13	8
18	15 5 0	7 1	61	17	15	10	11	500	145	16	18
19	5 10 10	10 1	62	18	1	8	31	600	175	0	10
20	5 16 8		631	18	7	6		700	204	3	4
21	6 2 6	0 1	64	18	13	41		800	233	6	8
22	608 4		65	18	19	2	10	900	262	10	0
23	6 14 2		66	19	5	0		1000	291	13	4
24	7 0 0	-	67:	19	10	10		2000	583	6	8
25	7 5 TO	P	68	19	16	8		3000	875	0	. 0
26	7 11 8		69	20	2	6		4000	1166	13	4
27	7 17 6	1	70	20	8	4		5000	1458	6	8
28	8 3 4		71	20	14	2		6000	1750	0	. 0
29	8 9 2	-	72	21	0	0		7000	2041	13	4
30	8 15 0		73	21	5	Ib	-	8000	2333	6	8
31	9 0 10	1	74	24	n	8	. Alexander	9000	2625	0	0
32	9 6 8		75!	21	17	6		10000	2916	13	4
33	9 18 4		76	22	3	4		The G	eas LI	unde	
34	9 18 4	17 1	77	23	9	2		112	32	* * *	2 .
35	10 4 -2		78	22	15	0		1	e Grof	13	4
36	10 10 0	1.	791	23	0	TO	100		42	0	0
37	10 15 16		801	23	6	8		144	e Wei	1/2	-
38	II . 1 8		81	23	12	6	361	256	71	13	
39	11 7 6		82	23	18	4		Day		-2.5	4
40	11 13 4		83	24	4	2		3651	106		
41	11 19 2	10	84	24	To	0		3011		9	2
42	12 5 0	1	85	24	15	10			t in a.		8
143	12 10 10		861	25	Si.	8	11	272	79	. 6	. 0

N.	L. fb	. d.	IN.	L.	ſb.	d.		N.	Li.	M.
1	0 5	11	44	13	0	4	11-11	87	25	14
2	O II	10	45	13	6	3		88	26	0
3	0 17	9	46	113	12	2		89	26	6
4	1 3	8	47	113	18	1		90	26	12
5	1 9	7	48	14	4	9		91	26	18
5	1 15	6	49	14	9	II		92	27	4
78	2 1		150	14	15	10		93	27	IO
	2 7	4	51	15	1	8		94	27	16
9	2 13		52	15	7	8	300	95	28	2
10	2 19	2	53	15	13	7	1	96	28	8
II	3 5	I	54	15	19	6		97 98	28	13
12	3 11		55	16	5	5		98	28	19
13.	3 16		56	16	II	4		99	29	5
14	4 2		57	16	17	3	1	100	29	11
15	4 8		128	17	3	2	1	200	59 88	15
16	4 14	8	59	17	9	1		300	1 00	15
17	5 0	7	60	17	15	0		400	118	6
18	5 6		61	18	0	II		500	147	
19	5 12	, ,	62	18	6	IO		600	177	10
20	5 18		63	18	12	9		700 800	207	I
21	6 4		64	18	18	0			236	13
22	6 16		65	19	4	7		900		16
23			66	19	10	6		1000	295	
24	7 2		67	19	16	5		2000	591 887	13
25	7 7 7 7 13	11	100	20	8	4		3000	1183	
26	7 13	10	69	20		3 2		5000	1479	3
27	7 19	8	70	20	14	1		6000	1775	0
	8 5		72	21	6	0	1000	7000	2070	16
29	8 11	6		21	11	11		8000	2366	13
30			73	21	17	IO		9000	2662	10
31 32	9 3	5	75	22	3		5	10000	2958	61
32	9 15	4	76	22	9	8	. " -	-		
22	10 1	3	77	22	15	7		The G	reat Hu	indrei
25	10 7	ī	78	23	1	6	N	112	be Gro	2 1
33 34 35 36	10 13	ol	79	23	7	5		1	he Gro	Je
371	10 18	11	80	23	13	4		144	42	IZ 0
37 38	11 4		81	23	19	3	21		he Weig	
39	11 10		182	24	5	2		256	.75	14
40	11 16		83	24	II	1		Day		ear .
41	12 2	7	184	24	17	0	1	365	107	19 7
42	12 8	7	78	25	28	11			et in a	
43	12 14	51	186	25	8	IO		272	80	9 4

N.	16	fb. d.	1	N.	L. fb.	d.	I N	. Li.	Sh. d
1	0	60		44	13 4	0	87	26	2 0
2	0	12 0		45	13 10	0	88	26	8
3	0	18 0		46	13 16	0	85		14
4	I	40		47	14 2	0	90	27	0 0
5	ī	10 0		48	14 8	0	91	27	6
6	I	16 0	1.00	49	14 14	0	92		12 0
	2	2 0	-	50	15 0	0	93	27	18 c
7 8	2	80		51	15 6	0	94	28	4 0
9	2	14 0	1	52		0	95	28	10 0
10	3	00		53	15 18	0	96	28	16
11	3	60		54	16 4	0	97	29	2 0
12	3	12 0		155	16 10	0	98	29	8 0
13	.3	18 0		56	16 16	0	99	29	14 0
14	4	40	201	157	17 2	0	100		0 0
15		10 0		58	17 8	0	200		0 0
16	4	16 0		59	17 14	0	300	93	0 0
17 18	5	20		100	18 0	0	400		0 0
	5	8 0		61	18 6	0	500	150	00
19	5	14 0	70	62	0 0	0	700		00
20	6	60		63	19 4	0	800	240	0 0
21		12 0	11	65	19 10		900		0 0
23		18 0		66		0	1000		0 0
24	7	40		67			2000	600	0 0
25		10 0		68			3000		0 0
26		16 0		69	20 14	2	4000		0 0
27	8	20	12.	70		0	5000	1500	0 0
28	8	80		71		0	6000		0 0
29		14 0	1	72		0	7000	2100	0.0
30	9	00	1	73	21 18	0	8000	2400	0 0
31	9	60	1000	74	22 4	0	9009	2700	00
32	9	12 2		75	22 10	0	10000	3000	00
33		18 0		76		0	The G	reat Ha	ndre1
34	10	40		77		0	112		12 0
35		10 0		78	-3	3		the Groff	
36		16 0		79	3 -4		144		40
37 38	11	20	1	80				be Weigh	
	II	80	7 31 2	81			256	1 76	160
39		14 0	Acres 1	82				in the?	
41	12	60	Jan A	83	24 18		365	109	10 0
12	12	6 0		84	25 4 9		Fe	inaR	0.1
43		18 0		86	25 16	1	272	81	120

N.	12. 1b. d	1 1	IN.	IL fi	n di	1.74.	1 N	Li	fh.	
I	0 6 1		44	113 7	8	111	87		9	1. 3
3 4	0 12 2	1 1	45	13 13	1 9	70	88	20	15	4
3	0 18 3	1	46	113 19		100	85			: 5
4	1 4 4		47	14 5		Tab.	9:			. 6
5	1 10 5		48	14 12	0	1	91	27		3
7	1 16 6		49	14 18			92			9
8	2 2 7 2 8 8		50	15 4		11	93		S	9
9	2 14 9		52	15 16	4	11.65	94	28	17	Io
10	3 0 10	1	53	16 2			96	29		II
111	3 6 11		54	16 8	6		97	20		1
12	3 13 0		55	16 14			98	29		3 4 8
13	3 19 1	1	56	17 0			99	1 30	2	3
14	4 5 2	1	57	17 6	9		100	30	8	4
115	4 11 3	2 1	58	17 12	IO		200			8
16	4 17 4		591	17 18	11		300		5	0
17	5 3 5		60	18 5	0		400	121	13	4 8
18	5 9 6		61	18 11	1		500		/1	
19	5 15 7		62	18 17	2		600		18	0
20 2I	6 1 8		63	19 3	3	- 1	800	212	6	4
22	6 13 10		64	19 9	4		900	243	15	
23	6 19 11		66	20 1	6	1	1000	301	3	0
24	7 6 0		67!	20 7		17.	2000	608	6	4 8
25	7 12. 1			20 13	8	1	3000	912	IO	.0
26	7 18 2			20 19	9	1. 1	4000	1216	13	
27	8 4 3		70	21 5	10.		5000	1520	16	8
28				21 11	II		6000	1825	0	0
29	8 16 5			21 18	0		7000	2129	3	4
30	9 2 6	1 90	21	22 4	1		8000	2433		8
31	9 8 7			22 10	2		9500	2737		0
321				22 16	3		10000	3041	13	4
1	10 0 9		76 3	3 2 8	5 6	-	The Gr	eat Hu	ndred	1
25	10 12 11		8 2	23 14	6	37	112	34	1	4
36	0 61 01			1 0	7			Groffe		
371	11 5 1	1.8	Sol 2	1 6	8		144	43		0
37 38	I II 2	8		4 12	9		2001	e Weig		. 1
39 1	11 17 3	. 8	32 2		10	1	2561	in the	17 4	1
	2 3 4 5	. 8	33 2	, ,	11		3651	III	0 5	
41 1	2 3 4 2 9 5	18	1 2	5 11	0	1	Fee	inaR	od	1
		18		5 17	1.		2721	82	4 8	-
43.1	3 1 71	18	014	6 3	2.	-				.1
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		247	-			,			
IN.	L. Sh. d.	1 1	N.	L. St.	. d.		N.	Li. Sh	. i
r			44	13 1	0		87	27	3 9
	0 6 3 0 12 6 0 18 9 1 5 0 1 11 3 1 17 6		45	14	3	1.31	88 89	27 1	0 0
3	9 18 9		461	14 7	6		89	27 1	
4	1 50		47	14 13	9		90 91	20	8 9
3456	1 11 3			15 6	3		92		50
7	2 3 9			15 12	3		93		
7 8	2 3 9	4	51	15 18	9		94	29	76
110			52	16 5	0	ing the	93 94 95	29 1	3 9
10	3 2 6 3 8 9		53	16 11	3	V. S.	90		0 0
11	3 8 9		54	16 17	6		97	30	6
12	3 15 0	1	55	17 10	9		97 98 99	30 1	8
13	2 16 3 3 2 6 3 8 9 3 15 0 4 1 3 4 7 6		20	17 16	2		100	31	51
13 14 15 16	2 8 9 0 3 6 9 0 3 6 9 0 3 6 6 11 8 9 0 3 6 6 11 7 6 7 6		57	16 17 16 17 16 18 218 18 18 19 119 17 19 13 13 13 13 13 13 13 13 13 13 13 13 13	3		200	31 62 1	0
16	4 13 9		59	18 8	9		300	93 I	5
17 18	5 6 3 5 12 6		50	18 15	9		400	125	0 0
18	5 6 3 5 12 6 5 18 9 6 .5 0 6 11 3		51	19 1	3		500	156	51
19	5 18 9	. (52	19 7	6		700		00
20	6 .5 0		53	19 13	9		800	250	01
21 22	6 11 3		56	20 6	2		900	281	5
23	7 3 9	1	5612	20 6	3		1000	312 1	0
24	7 3 9 7 10 0		57 3	20 18	9		2000	625	0 (
251	7 16 3			21 5	0		3000		0
26	7 16 3 8 2 6 8 8 9 8 15 0 9 1 3 9 7 6 9 13 9	1	59 3	11 15	3		5000		00
27 28	8 8 9 8 15 0 9 1 3 9 7 6			21 17 22 3 22 10 22 16	0	45.4	6000		00
29	9 1 3	1		22 10	9		7000		00
30	0 76	4		22 16	3		8000	2500	00
31	9 13 9	12	74 2	23 2	3		9300		0 0
30 31 32	9 7 6 9 13 9	13	75 12	23 8	9		10000	3125	00
33 34 35 36 37 38 39	10 6 3	12	6	23 2 23 8 23 15 24 1	0	The state of		eat Hun	
35	10 12 6	15		4 7	3690	100	112		00
36	II Si	1	9 2	24 13	9		144	e Groffe.	00
37	15 18 9 11 5 0 11 11 3 11 17 6	- 8	3012	5 0	C		Th	e Weigh	
30	11 17 6	18	31 2	5 6 5 12 5 18	3		2561	80 0	00
10	12 3 9	8	3 2	5 18	0		D.tys	in the Yes	
40 41	12 10 0	18	31/2	5	0	100	365	114 et in a Ro	13
42	17 2 6	18	35 2	6 11	9036		272	85 0	
431	13 8 91	18	35 2	6 17	61		-1-1	2	14

00

100

undrei 00

Year I 3 Rod

N.	L. fb. d.		N.	L. Sh.	4.1	1 N.	
N.		19.	44	13 18	8	87	27 11 0
2	0 6 4 0 12 8		45	14 5	0	88	27 17 4 28 3 8
3	0 19 0		46	14 11	4	89	27 17 4 28 3 8
			47	14 17	4	90	28 10 0
3	1 11 8		48	15 4	0	91	28 16 4 29 2 8
4 5 6	I 18 0		49	15 10	8	92	
	2 4 4		50	15 16	8	93	29 9 0
8	2 10 8		51	16 3	0	94	29 IS 4
9	2 17 0		52	16 9	4	95	30 8 0
10	3 3 4 3 9 8 3 16 0		53	16 9		96	30 8 0
II	3 98		54	17 2	0	97 98	30 14 4
12	3 16 0		55	17 8	4	98	31 08
13	4 2 4 4 8 8		56	17 14		100	31 70
14	4 8 8		57 58	18 1	0	100	30 I4 4 31 0 8 31 7 0 31 I3 4 63 6 8
15	4 15 0	-	58	18 7	4 8	200	95 0 0
16	5 7 8		59	18 13	0	300	95 0 0
17	5 74 0		60	19 6	4	500	126 13 4 158 6 8
	5 14 0		62	19 12	8	600	190 0 0
19	6 6 8		63	19 19	0	700	190 0 0
115	5 7 8 5 14 0 6 0 4 6 6 8 6 13 0		64	20 5		800	221 13 4 253 6 8
22			65	20 11	8	900	285 00
23	7 5 8	14.4	66	20 18	0	1000	316 13 4
24	7 5 8 7 12 0 7 18 4 8 4 8		67 68	21 4	4	2000	622 68
25	7 18 4		68	21 10	8	3000	950 00
26	8 4 8		69	21 17	0	4000	950 0 0 1266 13 4 1583 6 8
27	8 11 0	1. 16	70	22 3 22 9 22 16	4 8	5000	1583 0 8
28			71	22 9		6000	1900 0 0
29		1	72	22 16	0	7000	
30	9 10 0		73	23 2	\$	8000	2533 68
31	9 16 4 10 2 8		74		0	9000	2850 00
32	10 9 0	17.	75	23 15 24 I		10000	3166 13 4
33 34	10 9 0			24 7	4 8	The G	reat Hundred
35	10 15 4		77 78	24 14	0	112	. 35 _9 4
36	11 8 0	1	79	25 0			be Groffe
37			80	25 6	4 8	144	45 12 0
38	11 14 4	7 100	81	25 13	0	1	the Weigh -
39	12 70		82	25 19	48	256	81 14
40			83	26 5	8	26-	s in the Year
41	12 13 4	1 1	84	26 5 26 12 26 18	0	365	115 11 8
42	13 60		85	26 18	41	272	
43	113 12 4	**	85	27 4	9	1 -4/2	05 .50

M	II Ch	1	LAT	11 /6 7	1	IN	7: 0
N.	C. Sh. a		N.	-			Li. fb.
2	0 12 10		44	14 2 4 14 8 9 14 15 2 15 1 7	11+	87	28 4
	0 19 3		46	14 15 2	175	89	28 11
3	1 5 8		47	115 1 7		90	28 17
5	I 12 I	1	48	118 8 0		91	29 3 1
6	1 18 6		49	15 14 5	1 12	92	29 10
8	2 4 11 2 11 4	1 :	50	16 0 19	100	93	29 16
9	2 H 4 2 17 9 3 4 2 3 10 7		51	16 7 3	1117	94	30 3
0	3 4 2		53	17 0 1		96	30 9
1	3 4 2 3 10 7		54	17 6 6		97	31 2
2	3 17 .0		55	17 12 11		981	31 8 1
3	4 3 5		56	17 19 4	1	99	31 15 32 1
5	4 9 to 4 16 3		57	18 5 9 18 12 2		100	
6	4 16 3		591	18 18 7	1	300	64 3 96 5 128 6
3	5 9 1		60	19 5 0		400	123 6
3	5 15 6	6	61	19 11 5		500	
1	6 1 11	10 1	62	19 17 10		600	192 10
	6 8 4 6 14 9	1	63	20 4 3 20 10 8		700	224 11
	6 14 9 7 I 2		64	20 10 8	11	900	256 13 4 288 15
	7 7 7	31.1	66	21 3 6		1000	160 8 192 10 224 11 256 13 288 15 320 16 641 13 962 10 1283 6 8
1	7 14 0		67	21 9 11		2000	641 13
1	8 0 5	337	68	21 16 4		3000	962 10 0
	8 6 10	174	69	22 2 9		4000 1	
	8 13 3 8 19 8		7º 7I	22 9 2 22 15 7		6000 1	1604 3 4
	9 6 1	-	72	23 2 0		7000 2	1604 3 4 1925 0 8 1245 16 8
	9 12 6	-	73	23 8 5		8000 2	568 13 4
1	9 18 11		74	23 14 10			887 10 0
1	10 5 4		75	24 I 3 24 7 8		10000 3	208 6 8
	0 11 9		76			The Gre	at Hundred
	10 18 2			24 14 1		112	35 18 8
	i ii o		79	25 6 11			Groffe
11	1 17 5	1	79 80 81	25 13 4		144	46 4 0
	2 3 10		81 3	25 19 9		256	Weigh 82 2 8
1	2 10 3	1	821:	26 6 2		Dancis	82 2 8
1	2 16 8		83	6 19 0			17 2 1
1	3 3 1 3 9 6		84 2		25 1	Feet i	na Rod
I	3 15 11	- 1	86 2	7 5 5		272	87 5 4

At 6 Shillings 6 Pence.

N.	L. fb. d.							
	L. 10. a.	1	N.	1 . Sh. d.	1	N.		fb. d
11	0 6 6	71.	44	14 6 0		87	28	\$ 16
2	0 13 0	200	45	14 12 6		88	28	12 0
	0 19 6		46	14 19 0	6.81	89	28	18 6
3 4 5 6	1 60	200	47	115 5 6	1000	90	29	5:0
13	1 12 6	100	48	15 12 0	1.115	91	1	II 6
6	1 19 0		49	15 18 6	1	92		18 0
7	2 5 6		50	16 50		93	30	4 6
81	2 12 0	Or.	51	16 11 6	175	94	30	II
9	2 18 6		52	16:18:0	1	95	30	17 6
10	3 50		53	17:46		96	31	40
III	3 11 6		54	17 11 0	130	97	31	10,6
15	3 18 0		55	17 17 6	100	98	31	17 0
13	4 4 6	, ,	56	18 40	2 4 1 1	99	32	3 6
14	4 11 0		57	18.10 6		100	32	10 0
15	4 17 6		58	18 17 0	1.1.1	200	65	00
16	1 40		59	19 3 6		300	97	10 0
17	5 10 6		60	19 10 0		400	130	0 0
18	5 17 0		61	19 16 6		500		0 0
19	6 3 6		62	20 3 0		700	195	0 0
20	6 10 0		63	20 16 0	1. 13	800	260	0 0
21			64	21 2 6		900	292	10 0
22	7 3 6		65	21 90		1000	325	00
23 24	7 9 6		67	21 15 6	20100	2000	650	00
25	7 16 0	1	68	22 2 0		3000	975	0 0
26	8 90		69	22 8 6	45,135	4000	1300	00
27	8 15 6	7 4,41	70	22 15 0		5000	1625	0.0
28	9 2 0		71	23 1 6	the life	6000	1950	00
29	9 8 6		72	23 80		7000		00
30	9 15 0	0	73	23 14 6		8000	2500	0.0
	10 1 6		74	24 I O		9000	2925	0 0
	10 8 0		751	24 7 6		10000	3250	00
	10 14 6		76	24 14 0		TheC	eat Hu	Loch
34 1	0 1 11		77	25 0 6		112		80
	11 76		78	25 70	5.3	1 112/	be Gro	
	11 14 0			25 13 6	7.	144		
	12 0:6		80	26 00		1	be Wen	
	12 70		20.0	26 66		256	83	10
	12 13 6	000		26 13 C			s in the	
	13 00	1	83	26 19 6		365	118	12 6
	13 66	39 9	84	27 60			et in a l	
42	13 13 0		85	27 12 6		272	88	80
431	13 19 6	-	86	27 19 0		1		

N.	L. fb. d.	1 1	N.	L.	sh.	4.	1.1.50	N.	Li.	Jb. L
1	0 6 7		44	14	9	8	145	87	28	
2	0 13 2		45	14	16	3		88	28	19
3	0 19 9		46	15	2	10	ALC:	89	29	
1	1 6 4		47	15	9	5	(- (0)	90	20	12 6
7	1 12 11		48	15	16	ó		91	29	19 1
456	1 19 6		49	16	2	7		92	30	51
7	2 6 1		50	16	9	2	311	93	30	12 3
8	2 12 8		51	16	15	9		94	30	18 10
2	2 19 3	100	52	17	2	4		95	30	
9			251	17	8	11		96	3.	
10			53		15	6		90	31 31 31	-
II			54	18	2	i	1	97	31	
12	3 -/		55)	18	8	8	4	98	32	5
13	4 5 7		56	18				99	32	II !
4			53		15	3	100	100	32	18
15			58	19	8			200	65	16
16	5 5 4		59	19		5		300	98	15
17	5 11 11		60	19	15	0		400	131 164	13
18	5 18 6		61	20	I	7	100	500	104	II
19	6 5 1		62	20	8	2		600	197	10
20	6 11 8		63	20	14	9		700	230	8
21	6 18 3		64	21	I	4		800	263	6
22	7 4 10		65	21	7	II		900	295	5
23	7 11 5		65	21	14	6		CCOI	329 658	3
24	7 18 0	1	67	22	I	1		2000	658	6
25	8 4 7		68	22	7	8		3000	987	10
26	8 11 2		69	22	14	3		4000	1316	13
27	8 17 9		70	23	0	10		5000	1645	16
28	9 4 4		71	23	7	5		6000	1975	0 1
29	9 10 11		72	23	14	0		7000	2304	3
30	9 17 6		73	21	0	7		8000	2633	6
31	10 4 1	1	74	24	7	2		9000	2952	10
31 32	10 10 8	1	75	24	13	9	11	10000	3291	13 4
33	10 17 3	1	76	25	0	4		7.0	78	
34	11 3 10		77 78	25	6	II		Ine G	reat H	unarca
33 34 35	11 10 5		78	25	13	6		112	be Gro	1/ 4
301	11 17 0		79	26	0	1				
37	12 3 7		801	25	6	8		144	47	8 0
38	12 10 2		811	26	13	3		1	he Wei	30
39	12 16 9		82	26	19	10	1	255	. 84	2 4
40	13 3 4		83	27	6	5	30	D.ty.	in the	Lear
41	13 9 11		811	27	13	0	1	365	120	2 11
42	13 9 11		851	27	19	7 2	-		t in a	Ros
131	14 3 1		85	28	6	,	0: 2	272	89	10 8

At 6 Shillings 8 Pence.

N. L. Sb.		N.	L. So.d.	N.	Li. fb. d.
	5 8	44	14 13 4	87	29 00
2 0 1		45	15 0 0	88	29 6 8
	0 0	46	15 68	89	29 13 4
4 I	5 8	47	15 13 4	90	30 0 0
5 I I	3 4	48	16 00	91	30 6 8
	0 0	49	16 68	92	30 13 4
	5 8	50	16 13 4	93	31 68
8 2 1		51	17 6 8	94	
	0 0	52		95	31 13 4
	5 8	53	17 13 4	90	3-
1 3 1		54	18 6 8	97 98	3-
		55	18 13 4		32 13 4
		56	19 0 0	100	33 68
4 4 1	3 4	57	19 68	200	66 13 4
	6 8	59	19 13 4	300	100 0 0
5 1		60	20 0 0	400	133 6 8
	0 0	61	20 68	500	166 13 4
	6 8	62	20 13 4	600	200 0 6
6 1		63	21 00	700	233 6
	0 0	64	21 68	800	266 13 4
	68	65	21 13 4	900	300 0 0
	3 4	66	22 0 0	1000	333 6 8
1 8	00	67	22 68	2000	666 13 4
	68	68	22 13 4	3000	1000 0
8 1	3 4	69	23 00	4000	1333 6 8
	00	70	23 68	5000	1666 13 4
	68	71	23 13 4	6000	2000 0 0
9 9 1		72	24 0 0		2333 6 8
	0 0	73			2666 13 4
	6 8	74	24 13 4	9000	
2 10 1		75		100001	3333 6 8
	6 8	76	25 6 8	The Gr	eat Hundred
		77	26 0 0	112	37 68
/ -	3 4		26 68		be Groffe
	68	79 8c	26 13 4	1441	48 0 6
8 12 1		81	27 00	T	e Weigh
	0 0	82	27 68	256	85 68
	6 8	83	27 13 4	Days	in the Year
41 13 1		84	28 00	3651	121 13.4
	0 0	85	28 6 8	Fee	in a Rod
	6 8	86	28 13 4	272	90 13 4

N.	L. Sb. 4.	f 11	J. L	. fb d	11	VIII	N.	Li.	fh. 4
-		-			Ti-		87	29	7
82	0 6 9	4			1		\$8.	: 129	14 @
-2		4	6 1		5		1 89	5 30	.00
13	1				1	-	100	30	76
85	170	4	7 1		1	24 - 1	1 41	1130	141
05	1 13 9	4				3	92	31	1
64	2 06	1 4			3		93	3 3E	7
78	2 7 3	5					94	=13E	146
	2 14 0	1 5					95	32	1:
9	3 0 9	3 15			.1		36	0 33	8 0
10		9. 15		7 17 9				1132	14 9
CI	3 14 3	3 1 5			. 1	10	98	33	16
12	4 1 9	2 5	51:	111 3			99	33	8:
13	4 7 9	5	6 1	A 9	3		193	: 33	ICE
14	4 14 6	01 5		1 7 2			200	67	IOO
15	5 1 3	5					300		50
16	5 8 0	5					499	135	00
17	5 14 9	6					500	168	15 0
18	6 1 6	16			1.		600	202	IOo
19	6 8 3	6					790	236	50
26	06 15 9	6	3 2		1		800	270	00
21	7 1.9	116	1 21			1014	900	303	150
22	7 8 6	6				7	Iodo	337	100
23	8 2 0	6			1. !	-01	2000	675	00
24		6 6	7 2			7.1	3000	IOI2	100
25	8 8 9	6			1 *	100	4000	1350	00
26	8 15 6	6			1	1	5000		
27	9 2 3	7		12 6			6000	2025	00
28	9 9 0	7	1 23		1	-	700b		1 1 1 1
29	9 15 9	7		60	1.1		8000	2700	00
30	10 2 6	7			1	2	9000	1 1 1 1 1 1	100
30	10 9 3	7					10000	3-2	0.0
32	to 16 0	7	25		1	13	1		
33.	11 2 9	2						reat Hu	narei
34	11 9 6	7	7 25		6	201	112	37	160
35 36	11 16 3	7		2 11			T	be Groff	0
36	12 3 0	7	2120			1	144	.48	12 0
371	12 9 9	8			-		775	e Weigh	6
38	12 16 6	8			1		2561	86	80
39	13 3 3	8	2 27		100		Days	in a Te	47
40	13 10 0	8	3 28	0-3	1		3651	123	3 9
41	13 16 9	8	1 20	7.0	1	1	Feet	in a R	od
42	14 3 6	8	28		1		272		160
431	14 10 3	8	5 25	0 6	100	1			

		At 6 C	mungs	10 Per	nc.		
Jh. 4	N. L. fb. d.	N.	4. Sh. d	1 1	N.	Li. A	-
3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	13 8 6 4 1 7 4 2 1 1 1 4 2 1 2 1 1 0 1 2 1 4 8 1 8 1 3 1 5 2 1 4 8 8 1 8 1 3 1 5 2 1 8 8 9 1 3 1 5 2 1 8 8 9 1 3 1 5 2 1 8 8 1 8 1 8 8 1 8 1 8 1 8 1 8 1 8 1	63 64 65 66 67 68 69 70 71 72	5 12 6 5 19 4 6 6 2 6 13 0 6 19 10 6 8 7 6 8 7 6 8 7 6 8	11 23 34 45 66 66 70 85 90 1000 The 11 1. 26 D 36	700 800 900 900 1000	33 6 75 0 16 13 Hundres 38 5 Exoste 19 4 Veigh	420086480486486486486486486

N. L. Sh. d.	N. L. Sb. d.	N. Li. fb. l
0 6 11 2 0 13 10 3 1 0 9	44 15 4 4	87 30 1 88 89 30 8 89 30 8 99 31 2 99 31 16 99 32 10 99 32 17 19 96 33 4 97 33 10 11 98 33 17 11 99 34 11 200 69 3 3 300 103 15 100 345 16 200 691 13 800 276 13 900 311 5 1000 345 16 200 691 13 300 1037 10 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 6 1037 10 1038 10 1037 10 1038 10 103
2 0 13 10	44 15 4 4	88 30 8 1
2 0 13 10 3 1 0 9 4 1 7 8 5 1 14 7 6 2 1 6 7 2 8 5 8 2 15 4 9 3 2 3 10 3 9 2 11 3 16 1	46 15 18 2	89 30 15 1
3 1 0 9	1 147110 5 11	90 31 2
6 1 14 7	48 16 12 0 49 16 18 11	91 31 9
5 1 14 7 6 2 1 6 7 2 8 5 8 2 15 4 9 3 2 3 10 3 9 2 11 3 16 1	49 10 18 11	92 31 10
7 2 8 5	50 17 5 10	93 32 31
8 2 15 4	51 17 12 9	94 32 10 1
9 3 2 3	1 (21 17 19 8)	95 32 1/
9 3 2 3 10 3 9 2 11 3 16 I	53 18 6 7 54 18 13 6	96 33 4
11 3 16 I		97 33 10 11
12 4 3 0	55 19 0 5	90 33
13 4 9 11	56 19 7 4	99 34 1
12 4 3 0 13 4 9 11 14 4 16 10 15 5 3 9 16 5 10 8 17 5 17 7 18 6 4 6 19 6 11 5 20 6 18 4	57 19 14 3 58 20 1 2	87 30 1 88 30 8 89 30 15 7 90 31 2 6 91 31 9 9 92 31 16 9 93 32 3 94 32 10 1 95 32 17 1 96 33 4 9 97 33 10 11 98 33 17 11 99 34 4 11 100 34 11
15 5 3 9	58 20 I 2 50 20 8 I	200 103 15
16 5 10 0	59 20 8 I 60 20 IS 0	100 128 6
17 5 17 7	60 20 15 0	300 103 15 400 138 6 500 172 18
18 6 4 6	61 21 1 11 62 21 8 10	600 207 10
19 6 11 5	63 21 15 9	600 207 10 700 242 I
20 6 18 4	63 21 15 9	800 276 13
21 7 5 3 22 7 12 2 23 7 19 1	65 22 9 7	900 311 5 6
22 7 10 I	65 22 9 7	900 311 5 1000 345 16
23 7 19 I 24 8 6 0	67 23 3 5	2000 691 13 4
24 8 6 ° 25 8 12 11	67 23 3 5 68 23 10 4	3000 1037 10 0
23 7 19 1 24 8 6 0 25 8 12 11 26 8 19 10	69 23 17 3	3000 1037 10 6 4000 1383 6 1 5000 1729 3
27 9 6 9	69 23 17 3 70 24 4 2 71 24 11 1 72 24 18 9 73 25 4 11	5000 1729 3 4
27 9 6 9 28 9 13 8 29 10 0 7 30 10 7 6 31 10 14 5 32 11 1 4	71 24 11 1 72 24 18 0 73 25 4 11	6000 2075 0
29 10 0 7 30 10 7 6	72 24 18 0	7000 2420 16 1 8000 2766 13 1
30 10 7 6	73 25 4 11	8000 2766 13 4
31 10 14 5	74 25 11 10	9000 3112 10 0
32 II I 4 33 II 8 3 34 II IS 2	73 25 4 11 74 25 11 10 75 25 18 9 76 26 5 8 77 26 12 7 78 26 19 6 79 27 6 5	10000134)0
33 II 8 3 34 II I5 2	76 26 5 8	The Great Hundred
34 11 15 2	77 26 12 7	112 38 16 1 The Groffe
35 12 2 1	78 26 19 6	The Groffe
13 4 9 11 14 4 16 10 15 5 3 8 17 5 17 7 6 18 6 11 5 4 19 6 18 4 20 6 18 4 21 7 5 3 22 7 12 2 23 7 19 0 0 24 8 12 11 26 8 19 10 9 27 9 13 8 29 10 7 6 31 10 14 5 32 11 8 3 34 11 15 2 36 12 15 11 37 12 2 15 11 38 33 11 15 2 39 13 9 9	55 19 0 5 56 19 7 4 57 19 14 3 58 20 8 1 60 20 15 0 61 21 1 11 62 21 8 10 63 21 15 9 64 22 2 8 65 22 9 7 66 22 16 6 67 23 10 4 69 23 17 3 70 24 4 2 71 24 11 1 72 24 18 0 73 25 11 10 75 18 0 76 26 5 8 77 26 19 6 79 27 6 5 80 27 13 4 81 28 0 3 82 28 7 2 83 28 14 1 84 29 1	144 49 16 6
37 12 15 11	80 27 13 4 81 28 0 3 82 28 7 2	The Investor
38 13 2 10 39 13 9 9	81 28 7 2	256 88 10
39 13 9 9 40 13 16 8	82 28 14 1	Days in a Tea
40 13 16 8	84 29 I Q	365 1-126 47
41 14 3 7	84 29 I O 85 29 7 II	256 88 10 Days in a Tea 365 126 4 7 Feet in a Rod
42 14 10 6	85 29 7 11 86 29 14 10	272 94 1
43 14 17 5	1 001-2 -4 101	

-		1	-		3.	120 14 14 A	-	a
IN.	-	1 00000	L.	Jh. d	4	N.	-	/b. 4
1	0 70	1 177	15	8 0		87 88	30	9
2	0 14 0		15	2 0		00	30	16 0
3	F 1 0		16	20		89	31	3 9
4	1 8 0	47	16	90		90	31	10 0
456	1 15 0		16	16 0	7	91	31	17 0
	2 2 0		17	3 0		92	32	4 0
8	2 9 0	1 1	17			93	32	18 0
		1	17	17 0		94	:32	5 0
9	3 30	1 7	18			95	33	12 0
10	3 10 0	53	18	11 0		96	33	19 0
11	3 17 0	1 77	19			98		6 0
12	4 4 0			12 0		99	34	13 0
13		56	19	19 0		100	35	90
14		57	20	60		200	70	0 0
15	5 12 0	59	20	13.0	1	300	105	0 0
16	5 19 0	60	21	00		400	140	00
17	6 60	61	2/1	70	1	500	175	0 0
19	6 13 0	62	21	14 0		600	210	0.0
20	7 00	63	22	10		700	245	0 0
21	770	164	22	8 0	1	800	280	0 0
22		65	22	15 0		900	315	0 0
23	8 i o	66	23	20		1000	350	0 0
24	8 8 0	67	23	90	-	2000	700	0 0
25	8 15 0	68	23	16 0	1	3000		0 0
26	9 20	69	24	30		4000	1400	0
27	9 90	70	24	10 0		5000	1750	0 0
28	9 16 0	71	24	17 0	1	6000	2100	0 0
29	10 3 0	72	25	40	1	7000	2450	0 9
30	10 10 0	73	25	0 11	1	8000	2800	0 0
31	10 17 0	74	25	18 0		9000		0 5
32	11 40	75	26	12 0		10000		
33 34	11 11 0	76	26			The G	reat Hu	indres
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35	12 5 0		27	13 9			be Grof	
37	13 19 0	79 80	28	00		144	1 50	. 8 5
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43	15 1 0	86	39	20	1	272	.95	4 9

1	p. 4	Li.	N.	10	d.	Jb.	L.	N.		d.	Jh.	L.	N.
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11	1	35	90		8	16	19	55		0	12	4	12
13 14 15 16 17 18 19 20 21 21 21 22 21 22 21 22 22 22 22 22 22	11	35	99 100	138	0	2	20	57			10	4	13
114	16	70	200		9	10	20	57 58	1	-3	19	4	14
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117	i	177	500		1	12	21	61		5	7	6	8
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1	18	- 247	700	1	3	6	22	63		8	.4		19
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12	15 0	318	900		3	0	23	65		10	15	7	22
12	3	354	1000		5	7	23	66		11	15	78	23
12	3 1	354 708	2000	1	7	14	23	67	- 5	0	Io	8	-3
12	10 0	1062	3000		8	ï	24	68	1	1	17	-8	24
12		1416	4000		0	8	24	69	-	2	1	9	26
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12		2479	7000		0	10	25	72		4	-	10	29
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3	8 4	10	66	23	13 0		1000	358	6	8
4	8 12	0	67	24	0 2		2000	716	13	4
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3	1 19	46			99	32 51	Ш
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9	3 5 3	152	18 17	0	95	34 8	П
9	3 12 6	53	19 4	3	96 97 98	34 160	Ш
11	3 19 9	154	19 11	6	97	35 31	II
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13	4 14 3	156		0	99	35 17 1	li
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5	5 89	158	21 0	6	200	72 104	Ш
6	5 16 0	159	21 7	9	300	108 150	Ш
17	6 3 3	59	28 15	0	500	181 50	ı
8	3 5 3 3 12 6 3 19 9 4 7 0 4 14 3 5 16 0 6 3 3 6 10 9	161	22 2 22 9 22 16	3	500	181 50	Ш
19	6 17 9	62	22 9	6	600	217 100	Ш
20		63	22 16	9	700	253 150	
u	7 12 3	164	23 4	01	800	290 00	Ш
12	7 5 0 7 12 3 7 19 6	65	23 II	31	900	326 50	I
28	7 5 0 7 12 3 7 19 6 8 6 9 8 14 0	66	23 18	3	1000	362 100	
4	8 14 0	67	24 5	9	2000	725 00	Ш
25	0 1 3	68	24 5	0	3000	1087 100	Ш
26	9 8 6	69	25 0	3	4000	1450 00	Ш
27	9 15 9	70	25 7	3	5000	1812 100	Ш
8	10 30	71	25 14	9	6000	2175 00	Н
29	10 10 3	72	26 2	0	7000	2537 104	Н
10	10 17 6	73	26 9	31	8000	2900 00	П
11	11 49	74	26 9	3	9000	3262 100	П
12	11 12 0	75	27 3	9	10000	3625 04	П
33	11 19 3	76	27 11	0	The G	reas Hundre	П
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3	12 13 9	77 78	27 18 28 5	3	****	be Groffe	ı
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1	8 2 18 8	51 18 14 0	94 34 9 4
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7 6	12 A 15 A	156 20 10 8	00 36 60
4		57 20 18 0	100 36 13 4
H	15 5 10 0	58 2t 5 4	200 73 6 8 300 110 0 0
	17 6 4 8	59 21 12 8 60 22 0 0	400 146 13 4
1	18 6 12 0	61 22 7 4	500 183 68
1	19 6 19 4	62 22 14 8	600 220 0 0
	10 7 6 8 11 7 14 0 12 8 1 4	63 23 2 0	700 256 13 4 800 293 6 8
ā.		160 100 16 X F	900 330 0 0
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1	5 9 3 4 5 9 10 8	68 24 18 8	
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1	10 5 4 19 10 12 8	71 25 0 8	6000 2200 0 0
	10 10 12 8	72 26 8 6 73 26 15 4	7000 2585 13 4 8000 2933 6 8
	9 11 74	73 26 15 4	9000 3300 0 0
# 1	12 11 14 8	75 27 10 0	10000 3656 F3 4
	33 12 20	76 27 17 4	The Great Hundred
91	34 12 9 4 35 12 10 8	77 28 4 8 78 28 12 9	112 41 14
ä I	36 13 40	20 28 29 4	The Graffe
11	37 13 11 4	80 29 6 8	144 52 16 0
	38 13 18 8 39 14 6 0	81 29 14 0 82 30 I 4	2561 93 17 4
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ш	41 15 0 8	84130 16 0	365 133 16 8
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At 7 Shillings 6 Pence.

		At 7	0	2141	183	o Pen			
4 N	L. fb. d	1	N.	L.	(b. d.		N.	Li.	Pb. d.
N 1 2 3 3 4 4 5 6 7 7 8 8 9 10 11 12 12 13 14 4 15 16 17 8 8 10 12 13 14 4 15 16 17 8 18 10 12 13 14 15 16 17 18 18 10 12 13 14 15 16 17 18 18 10 12 13 14 15 16 17 18 18 10 12 13 14 15 16 17 18 18 10 12 13 14 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	0 7 6 0 15 0 1 2 6 1 10 0 1 17 6 2 5 0 2 12 6		N-1456478490512334556785906126346566689771727377567787938188888888	16 16 17 17 18 18 18 19 19 20 20 21 21 22 22 23 23 23 24 24 24 24 25 26 27 28 28 28 29 29 20 20 20 20 21 22 23 24 25 26 27 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20	10 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6		87 88 89 90 91 92 93 94 95 96 97 98 99 100 200 300 400 500 400 500 400 500 400 500 400 500 400 500 400 500 400 500 400 500 400 500 400 500 400 500 400 500 400 500 5	32 33 33 34 34 34 35 36 36 37 37 37 112 150 187 225 262 300 337 750 1125 1500 187 225 2625	12 6 0 7 6 15 0 0 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

IN	L. B. d		INT. I. G. J.	i Ni	1: 0
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2	0 7 7	1		87	32 19 33 7
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4	1 10 4	1	47 17 16 5	90	34 2
3 4 5 6	1 10 4	6	148 18 4 0	91	34 10
6	2 5 6	1	49 18 11 7	92	34 17
8	2 13 1	6	150 18 19 21	93	35 5
8	3 8 3 3 3 15 10		51 19 6 9	94	35 12
9	3 8 3		52 19 14 4 53 20 1 11	95	36 0
10	3 15 10		53 20 1 11	96	36 8
11.	4 3 5	18.3	54 20 9 6	97 98	36 15
13	4 11 0		55 20 17 1	90	37 3 37 13
14	5 6 2		57 21 12 3	100	37 18
15			57 21 12 3 58 21 19 10	200	75 16
16	6 1 4	2	59 22 7 5	300	113 15
17	6 8 11		60 22 15 0	400	161 13
18	6 16 6	101-	61 23 2 7	500	189 11
19	7 4 1		62 23 10 2	600	227 10
20	7 11 8		63 23 17 9	700	265 8
22	7 19 3		64 24 5 4	800	303 6
23	8 14 5	1	65 24 12 11	1000	341 5
24	9 2 0		67 25 8 1	2000	379 3
25	9 9 7		68 25 15 8	3000	1137 10
26	9 17 2		69 25 3 3	4000	516 13
27	10 4 9		70 26 10 10		1895 16
28	10 12 4		71 26 18 5	60:0 2	275 0
29	10 19 11		72 27 6 0		654 3
15	11 7 6		73 27 13 7		412 10
2	11 15 1				791 13
131	12 10 3	1	75 28 8 9 76 28 16 4		
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N.	L. fb. d.		IN.	L. fb. d.	1	N.	Li.	[b. d
-	0 78	(J.4)	44	16 17 4		87	33	70
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3	1 30		46	17 TZ 8		89	34	2 4
4	1 10 8		47	18 0 4		90	34	10 0
4 5 6	1 18 4		48			91	3'4	-/
6	2 6 0 2 13 8	1	49		124	92	35	13 0
8	2 13 8 3 1 4		50	19 3 4	1	93 94	35	0 8
9	3 90		52	19 18 8		95	35	8 4
10	3 9 0 3 16 8	-	53	20 6 4	1 1	95	36	16 0
11	4 4 4		54	20 F4 d		97	37	3 8
12	4 12 0		55	21 18	1	981	37	It 4
13	4 19 8		56	21 9 4		99	37	19 0
14	3 7 4	2.17	57	21 17 0		100	38	6 8
5	5 15 0		58	22 4 8		200	115	13 4
6	6 10 4	1	59	22 12 4		400	153	6 8
8	6 18 0		61	23 7 8		500	191	T3 4
9	7 58		62	23 15 4		600	233	0 0
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11	8 1 0		64	24 10 8		800	305	13 4
22	8 8 8		65	24 18 4		9.00	345	0 0
23	8 16 4		66	25 6 6		CCCI	383	6 8
4	9 4 0		67 68			2000	756	13 4
15	9 11 8		69	26 9 0		4500	1233	6 8
27	10 70	7 3	70	26 16 8		5000	1916	13 4
8	15 14 8	100	71	27 4 4	Sakata.	6000	2300	0 0
19	11 24		72	27 12 0		7300	2683	6 8
10	11 10 0		73	27 19 8		8000	3055	13 4
11	11 17 8		74	28 7 4			3450	0 0
2	12 5 4		75	28 15 0 29 2 8		100001	3833	6 8
33	12 13 0		76	29 2 8 29 To 4		The Gr	eat H.	ndred
34	13 8 4		77	29 18 0		112	43	18 8
35	13 16 0		79	30 5 8			be Gro	
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N.	L. Sh. d.	1	N.	L Sh. d.	1	N.	Li. Sh.
1	0 7 9 0 15 6		44	17 1 0		87	33 14 34 2
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3	1 3 3		46	17 16 6	17-18-	89	34 9 9
4	1 11 0	100	47	18 4 3		90	34 17 (
45678	1 18 9 2 6 6		48	18 12 0		90	35 5
6			49	18 19 9	2 11	92	35 13
7	2 14 3		50	19 76	1000	93	36 0 9
8	3 2 0 3 9 9 3 17 6	400	51	19 15 3	1	94	36 8 6 36 16 37 4 6 37 11
9	3 9 9	Tels end	52	20 3 0	1000	. 95	36 16
	3 17 6		53	20 10 9 20 18 6	18 4	96 97	37 4
1	4 5 3		54	21 6 3	13.	97	37 11 9
2	7. 3		56	21 6 3		98	37 19
34	5 8 6		50	22 1 9	and the same	99	37 19 6 38 7 38 15
4	5 16 3		57	22 1 9 22 9 6		100	38 15 6
5	6 40		59	22 9 6 22 17 3		200	77 10 0
7	6 11 9		60	23 50	· 257	300 400	155 0
8	5 0 9 5 8 6 5 16 3 6 4 0 6 11 9 6 19 6		61	23 5 0 23 12 9	3,4	500	193 15
9	7 7 3		62	21 0 6		600	232 10
0	7 7 3 7 15 0 8 2 9		63	24 8 3 24 16 0		700	271 5
1	8 2 9		64	24 16 0		800	310 0
2	7 7 3 7 15 0 8 2 9 8 10 6 8 18 3		65	25 3 9		900	348 15
3	8 18 3		66	25 11 6		1000	387 10 0
4			67	25 19 3		2000	775 00
5	9 13 9		67 68	26 7 0	100	3000	1162 10 0
26	10 1 6		69	26 14 9		4000	1550 00
37	10 9 3		70	27 2 6		5000	1937 10 0
28	10 17 0		71	27 10 3 27 18 0	1	6000	2325 00
29	11 4 9	1	72	27 18 0		7000	2712 10 0
30	11 12 6	la de	73	28 5 9 28 13 6		8000	3100 00
31	12 8 0	3.4	74	28 5 9 28 13 6 29 1 3		9000	3487 10 0
32	12 8 0	MERSE!	75	29 1 3	A Page	100001	3875 00
33	11 12 6 12 0 3 12 8 0 12 15 9 13 3 6		76	29 9 0 29 16 9		The Gr	eat Hundred
34	13 11 3		77. 78	30 46	211	112	43 8 0
35 36	13 19 0		79	30 4 6		T	be Groffe
37 38	14 69		79 80	31 00		144	55 16 0
38	14 14 6		81	31 79		T	be Weigh
39	15 2 3		82	31 15 6		256	in the Year
40	15 10 0	178	83	32 3 3	100	Days	in the Tear
41	15 17 9	1	84	32 II O		365	141 8 9
12	16 5'6		85	32 18 9			in a Rod
43	16 13 3		86	33 6 6		272	105 8 0

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At 7 Shillings 11 Pence.

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15	5 18 9	305	57	22 19	2	100	200	79 3 4
161	6 6 8	1	199	23 7	. 1		300	118 10 0
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181	7 2 6		61	24 2		6-31	500	197 18 4
19	7 10 5		62	24 10	10		600	237 10 0 277 1 8
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	8 3 4		63	25 14 26 2	6 8	700	326 13
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7 8	2 10 0 2 18 4 3 6 8	50	20 16 8	93 94	38 15 0
9	3 15 0	52	21 13 4 22 1 8	95	39 3 4 39 11 8
11	4 3 4 4 11 8	53	22 10 0	96 97	40 8 4
13	5 00	55	22 18 4 23 6 8	98	40 16 8
14	5 16 8	157	23 15 0	100	41 13 4 83 6 8
15	6 5 0 6 13 4 7 1 8	58	24 3 4 24 II 8	300	175 0 0
17	7 10 0	60	25 0 0	500	165 13 4 208 6 8
19	7 18 4	62	25 8 4 25 16 8 26 5 0	600	250 0 0
21	8 15 0	63	26 13 4	800	333 68
22 23	9 3 4 9 11 8	65 66	27 10 0	900	375 0 0 416 13 4 833 6 8
24	10 0.0	67	27 18 4 28 6 8	3000	833 6 8
26	10 16 8	69	28 15 0	4000	1666 13 4
27 28	II 5 0 II 13 4 I2 I 8	70 71	29 3 4 29 11 8	6000	2500 0 0
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31	12 18 4	74	30 16 8	9000	3750 00
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At 8 Shillings 6 Pence.

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8	3 8 0		51	21 13	. 1	94	39 1	190	I
9	3 16 6		52	22 2		95	40	76	ı
10	4 5 0		53	22 19 0	4	96	40 1	46	I
12	5 20		54	23 7		98	41 1	130	ı
13	5 10 6		55	23 16 0).	99	42	16	ı
14	5 19 0		57	24 4 6		100	42 1	0 0	ı
15	6 7 5		58	24 13 C		230	. 85	00	ı
16	7 4 6		59	25 10 0	1	300	127 1	00	ı
18	7130		61	25 18 6		500		00	ı
19	8 1 6		62	26 7 0		600	255	00	
20	8 10 0		63	26 15 6		700		0 0	ı
21	8 18 6		61	27 4 0		800	340 382 I	0 0	ı
22 23	9 7 0		65	27 12 6 23 1 0		900		00	ı
	10 40		67	28 9 6		2000		00	ı
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26	0 1 11		69	29 6 6		4000	1700	00	
27	11 9 6		70	29 15 0	1	6000		00	ı
	12 6 6		71 72	30 3 6 30 12 0		7000		0 0	
-	12 15 0		73	31 06		8000	3400	00	
	13 3 6		74	31 90	1	9000	3825	00	
	13 12 0		75!	31 17 6	1-16	10000	4250	0 0	1
	14 9 0		76	32 6 0 32 14 6		The Gr	eat Hun	dred	ı
	14 17 6		73	33 3 0		112		120	1
361	15 60		791	33 11 6			e Groffe	4.0	
37	15 14 6		801	34 00		144	Weigh	40	
-	16 11 6		Sil	34 8 6	110	256		60	
37	17 0 0		82 83	34 17 0	1	Days	in the Y	ar	-
	17 8 6		8+1	35 14 0		3651	155	26	
	17 17 0		351	36 2 6		272 l	in a Ro	20	
431	18 5 6		851	35 11 0	1	2/21	11)	20	

-				,		
N.	L. Sh. d.	N.	L. Sh. a		N.	Li. fb.
1	0 8 7	44	18 17 8	-	87 88	37 6
2	0 17 2	45	19 6 3		88	37 15
3		46	19 6 3		89	37 15 38 3
3	, , ,	40	19 14 10			38 3
4	- 7 4	47	20 3 5		90	38 12
5	2 2 11	48	20 12 0		91	39 1
0	2 11 6	49	21 0 7		92	39 9 39 18
8	3 0 1 3 8 8 3 17 3	50	21 9 2		93	39 18
8	3 8 8	51	21 17 9		94	40 6
9	3 17 3	52	22 6 4		95	40 15
10	3 17 3 4 5 10	53	22 14 11	1	96	41 4
til	4 14 5	54	23 3 6		97	41 12
12	5 3 0	55	23 12 1		98	42 1
12	5 3 n 5 11 7 6 0 2	156	24 0 8		99	42 9
14	6 0 2	57			100	12 18
15	6 8 9	57	24 9 3		200	85 16
16	6 17 4	59	25 6 5		300	128 15
17		60	25 15 0		400	171 13
17	7 5 II 7 I4 6 8 3 I 8 II 8	61	26 3 7	1	500	171 13 214 11
10	8 3	62	26 3 7 26 12 2		600	257 10
19	8 11 8	102		1 4 6		200 8
20		63		11.50	700 800	300 8
21	9 0 3 9 8 10	04	27 9 4		000	257 10 300 8 343 6 386 5 429 3 858 6
22	9 8 10	65	27 17 11 28 6 6		900	380 5
23	9 17 5	66	28 6 6		000	429 3
24	10 6 0	67	28 15 1		2000	429 3 858 6 1287 10
25	10 14 7	68	29 3 8		000	1287 10
26	11 3 2	69	29 12 3		000	1716 13
27	11 11 9	70	30 0 10	5	000	2145 16
28	13 0 4	71	30 9 5	6	1000	2575 0
29	12 0 4 12 8 11	72	30 18 0	7	000	3004 . 3
30	12 17 6	73	31. 6 7	8	000	3004 3
1	13 6 1	74	31 15 2	9	000	3862 10
2	13 14 8	75				4291 13 4
13	14 3 3	76	32 12 4	11 - 11 11 11 11 11		
2	14 3 3	77	33 O II			eat Hundrel
5	15 0 5	77 78	32 3 9 32 12 4 33 0 11 33 9 6	1	112	48 14
6	15 9 0	70	33 . 9 6 33 18 1		T	be Groffe
6	15 17 7	79			1441	61 6
8	15 17 7	00	34 6 8		17	e Weigh
0		81 82	34 15 3 35 3 10		256	109 17 4
-		82	35 3 10	3	Days	in a Tear
	17 3 4	83	35 12 5		365 1	156 12 1
1	17 11 11	84	36 1 0		Fee	in a Rod
	18 0 6	84 85 86	35 12 5 36 1 0 36 9 7 36 18 2		272	116 14
31	18 9 1	1.86	36 18 21	the state of	/-1	

At 8 Shillings 8 Pence.

	t & Shivings & Pe	nce.	E NO EAR
N. L. fb. d.	N. L. Sb. d.	1 N,	Ls. fb. d.
1 0 8 8 2 0 17 4 3 1 6 0 4 1 14 8		87 88	37 14 0
2 0 17 4	45 19 10 0	88	38 2 8
3 1 6 0	46 19 18 8	89	38 11 4
2 0 17 4 3 1 6 0 4 1 14 8 5 2 3 4 6 2 12 0 7 3 0 8 8 3 9 4	47 20 7 4 48 20 16 0	90	39 00
5 2 3 4 6 2 12 0 7 3 0 8		91	
6 2 12 0 7 3 0 8	49 24 4 8	92	39 17 4 40 6 0
8 3 0 4	50 21 13 4	93 94	40 14 8
8 3 9 4 9 3 18 0	52 22 10 8	05	
10 4 6 8	53 22 19 4	95	41 12 01
11 4 15 4	54 23 8 0	97	42 0 8
12 5 4 0	155 23 16 81	97 98	42 9 4
13 5 12 8	56 24 5 4	100	42 18 0
14 6 1 4	57 24 14 0 58 25 2 8	100	43 6 8
10 4 6 8 11 4 15 4 12 5 4 0 13 5 12 8 14 6 1 4 15 6 10 0 16 6 18 8	58 25 2 8	200.	86 13 4
17 7 7 4	59 25 11 4	300	130 0 0
18 7 16 0	61 26 8 8	500	216 13 4
18 7 16 0 19 8 4 8 20 8 13 4	62 26 17 4	600	216 13 4
19 8 4 8 20 8 13 4	63 27 6 0	700	202 6 81
21 9 2 0	64 27 14 8	800	346 13 4
22 9 10 8	65 28 3 4	9:0	390 00
23 9 19 4	66 28 12 0	1000	433 6 8 865 13 4 1300 0 0
25 10 16 8	67 29 0 8 68 29 9 4	2000	865 13 4
26 11 5 4	68 29 9 4 69 29 18 0	3000	1733 68
27 11 14 0	70 39 6 8	5000	1733 6 8 2165 13 4 2500 0 0
28 12 2 8	71 30 15 4	6000	2500 00
29 12 11 4	72 31 4 0 73 31 12 8	7000	3033 681
30 13 0 0	73 31 12 8	8000	3455 13 4
31 13 8 8 32 13 17 4	74 32 1 4		3900 0 0
32 13 17 4 33 14 6 0	75 32 10 C 76 32 18 8	10000	4333 6 8
34 14 14 8	71 30 15 4 72 31 4 0 73 31 12 8 74 32 1 4 75 32 10 0 76 32 18 8 77 33 7 4 78 33 16 0 79 34 4 8	The Gre	eas Hundred
35 15 3 4	77 33 7 4 78 33 16 0	112	48 10 8
35 15 3 4 36 15 12 0	79 34 4 8		e Groffe
37 16 0 8	180 34 13 41	1441	62 80
38 16 9 4 39 16 18 0	81 35 2 0		e Weigh
39 16 18 0	182 35 10 81	2561 D.D.	110 18 8; meb Tear
40 17 6 8	83 35 19 4 84 36 8 0	3551	158 3 4
41 17 15 4 42 18 4 0	84 36 8 0 85 36 16 8	Fee	rina Rei
13 18 12 8		2721	117 17 41
	86 37 5 4		

		A	0	Ontungs	9 -	cact.		
N.	L. fb. d.	1	N.	L. Sh. d.	1	1 N.	Li.	Jb.
I	0 8 9		44	19 50		87	38	1
	0 17 6		45	19 5 0		88	38	Io.
3	1 63		46	20 2 6		89	38	18
4	1 15 0		147	20 11 3		90	38 38 38 39	7
2 3 4 5 6 7 8	1 15 0		47 48	21 00		91	39	16
6	2 12 6	-1	49	21 8 9		92	40	5
7		The state of	50	21 17 6		93	40	13
8	3 1 3		51	22 6 3		94	41	2
9	3-18 9		52	24 15 0		94 95	41	11
10	4 7 6		53	23 3 9		96	42	0
11	4 16 3		54	23 12 6		97 98	42	8
12	5 50		155	24 1 3		98	42	17
13	5 5 0 5 13 9 6 2 6		56	24 10 0		100	43	- 6
14	6 2.6	100	57	24 18 9		100	87	15
15	6 11 3	199	58	28 7.6		200	87	10
16	7 0.0		59	25 7 6 25 16 3 26 5 0		300	131	5
17	7 8 9		60	25 50	1	400	175	0
18	7 17 6		61	26 13 9	Sec. Leg	500	218	15
19	8 6 3		62	27 2 6	100	600	262	10
20	8 15 0	COLUMN TO A STATE OF THE PARTY	63	27 11 3		700	306	5
21	9 3 9 9 12 6		61	28 00		800	350	0
22	9 12 6	4 .	65	28 8 9		900	393	15
23	10 13 0		66	28 17 6		1000	437	10
24	10 15.0		67	29 6 3		2000	875	0
25	10: 18 9		67 68	29 15 0		3000	1312	10
26	II 7 6 II 16 3		69	39 39		4000	1750	0
27	11 16 3		70	30 12 6 31 1 3 31 10 0 31 18 9 32 7 6 32 16 3 33 5 0	11-11	5000	2187	10
28	12 5 0		71	31 13		6000	2625	0 (
29	12 13 9		72	31 10 0		7000	3062	10
30	13 2 6		73	31 18 9		8000	3500	0 (
31	13 11 3		74	32 7 6	de.	9500	3937	10
32	14 00		75	32 16 3		10000	4375	01
33	14 8 9		76	33 5 0 33 13 9 34 2 6		The Gr	eat Hu	ndre
34	14 17 6		77	33 13 9		112	49	00
35	15 6 3		78	34 2 6			e Groffe	
30			79 L	34 2 6 34 11 3 35 0 0		144]	63	00
	16 3 9		80	35 0 0		The	Weigh	
30			18	35 8 9		2561	112	00
39	17 1 3		82	35 8 9 35 17 6 36 6 3 36 15 0	-	Days :	n the To	ar
10	17 10 0		83	36 6 3		365		139
+1			84	36 15 0	3, 4	Fee	t in a h	
12		1	85	37 3 9		272	119	0 0
3	18 16 31		1001	37 12 61	4 .			_

At 8 Shillings 10 Pence.

137	L. fb. d.		NI		b.	1.1	1 N.	Li.	Sh.	d-1
N.			N.	-					-	
ī	0 8 10		44	19		8	87	38	8	6
2	0 17 8		45			6	88	38	17	4
3	1 6 6	3 7	46	20	6	4	89	1 39	6	2
4	I 15 4		47	20 1		2	90	39	15	0
5	2 4 2	-	48	21	4	0	91	40	3	10
6	2 13 0	- 1	49		2 1		92	40	12	8
345678	3 1 10		50	22		8	93	41	I	6
	3 10 8 3 19 6 4 8 4		51			6	94	41	10	4
9	3 19 6		52	22 I		4	95	41	19	2
10			53			2	95	42	8	0
11	4 17 2		54			0	97	42	16	10
12	5 6 0		55	24	5 1		98	43	5	8
13	5 14 10		56			8	99	43	14	6
14			57 58	25		6	100	88	3	8
15			50	25 I 26		4 2	200		IO	
17	7 1 4 7 10 2		59				300	132 176		0
18			61	26 1	8 1		400	223	13	8
19	7 19 0		62		7	8	500	255	0	0
20	8 16 8		63			5	.700	309	3	
21	9 5 6		64	28		4	800	353	6	8
22	9 14 4		65	1 0		2	9:0	397	IO	0
23	10 3 2		66				1000	441	13	
24	10 12 0		67		1 1		2000	883	6	8
25	11 0 10		68		0	81	3500	1325	0	0
26	11 9 8	100	69	130	8	5	4000	1765	13	4
27	11 18 6		70	30 1	8	4	5000	22.8	-6	8
28	12 3 4	vel	71	131		2	6000	2550	0	0
29	12 16 2	4	72			0.	7000	3091	13	4
30	13 5 0	- 1	73		4 1		8000	3533	6	81
31	13 13 10		74	32 1	-	8	9000		0.	0
32	14 2 8		75	33		5	10000	4416	13	4
33 34 35	14 11 6		76	100		2	The G	reat H	indr	1
34	15 9 2		77 78				112		9	4
36	15 18 0		79		7 1		1	The Gre		
370	16 6 10		So	135		8	141	63	12	0
38	16 15 8		81		_	5	1 1 1 1	De Wei	20	- :
39	17 4 6	1 1	82-		4		256	113	1	4
40	17 13 4		83	36 1		2		s in th	lea	-
41	18 2 2		84	37	2 .		355	151	24,	2
42	18 11 0		85		0 10		27:	et in a		0
43	18 19 10		86		9	5	272	120	2	8

1 j lo c 18 g 7 6 j 16 j 5 c 6 j 17 6 6 j 15 c 10 c 6 j 15 c 10 c 6 j 10 c

dred

00

N.	L. /b.	d.	1	1 N.	[L. 16. d	1.	1 MI	Li. Jb.
1	0 8	11		44	-		87	38 15
	0 17	10		45	19 12 4 20 1 3 20 10 2	1	88	38 15.
3456	1 6			46	20 10 2		89	39 13
4	1 15	8		47	20 19 1	7	93	40 2
5	2 4	7		47 48	21 8 6	S OF	91	40 11
6	2 13	6		49	21 16 11		92	41 0
8	3. 2	5		50	22 5 10		93	41 9
8	2 13 3 2 3 11 4 0	5 4 3 2		51	22 14 9		93 94 95 96	41 18
9	4 0	. 3		52	23 3 8		95	42 7 42 16
11	4 9 4 18	1		53	23 12 7 24 1 6	1	90	42 16
12	4 10	0	1 - 112	54	24 1 6		97	43 4
	5 7 5 15 6 4	11		55	24 10 5 24 19 4 35 8 3 25 17 2		90	43 13 44 2
1.1	6 4	10	1	57	35 8 3	76.	100	44 2 44 II
15	6 13			57 58	25 17 2		200	89 3
13 14 15 16	6 13	8		59	26 6 1		300	133 15
17	7 11	7		60	26 15 0		400	133 15
18	7 11	6	1	61	27 3 11 27 12 10		500	222 18
19	8 9	5		62	27 12 10		600	267 10
20	8 18	5 4 3 2	,	63	28 1 9		700 800	312 1
21	9 7	3		64	28 10 8		800	356 13
22	9 16			65	28 19 7 29 8 6		900	401 5
23	10 5	I		66	29 8 6	1	1000	445 16 891 13
24	10 14	0		67	29 17 5		2000	891 13
25	11 2	11		68	30 6 4	1	4000	1337 10
27	11 11			69	29 17 5 30 6 4 30 15 3 31 4 2		5000	1783 6
28		8		70	31 4 2 31 13 1		6000	2675 0
29	12 9	7		72	32 2 0		7000	3120 16
30	13 7	6		73	32 10 11		8000	3566 13
31	13 16	5		74			9300	4012 10
32	14 5	4		25	33 8 9		10000	4458 6
33	14 14	3		76	32 19 10 33 8 9 33 17 8 34 6 7		The G	eat Hundre
31 32 33 34 35 36 37 36 37 36 37 36 37 37 37 37 37 37 37 37 37 37 37 37 37	15 3	2		77 78	34 6 7 34 19 6		112	49 18
36	15 1	0		79	34 19 6 35 4 5			be Grosse
71	16 9	II		79	35 13 4		144	be Weigh
38	16 18	Ic		81	35 13 4 36 2 3 36 11 2		256	114 2
165	17 7	8		82	36 11 2		Day	in the Tear
C	17 16			83	37 0 1		365	162 14
11	13 5	76		84	35 13 4 36 2 3 36 11 2 37 0 1 37 9 0 37 17 11 38 6 10			t in a Rod
12	18 14	5		101	5/ 1/ 11		272	121 5

k.

			At	9	Shill	ling	s.	124			
N.IL.	fb. d.	4.1.1	N.1	L.	[b. d.	1		N.	Li.	Jh.	d
10	90		44	19	16 0			87	- 39	3	0
2 0	18 0		45	20	50		24	88	39	12	0
3 1	70	12.50	46	20	14 0	1	2 6	89	40	I	0
4 1	160	1	47	21	3 0	1		90		10	0
5 2	50		48	21	-			91	40	19	0
6 2	14 0	05	49	22	100	1		92	41	17	0
7 3	12 0		51	22	19 0		9	94	1 42	6	0
9 4	10		52	23	80	1		95	42	15	0
10 4	100		53	23	17 0		1	96	43	4	0
	19 0	18	54	24	60			97	43	13	0
12 5	8 0		55	24	15 0		13.	98	44	2	0
	17 0		56	25	40			100	44	II	0 0
	15 0		57	26	13 0	1	1	200	45	0	0
16 7	4 0	1	59	26	II o			300	135	0	0
17 7	13 0	61	60	27	00	1		400	180	0	0
	20		61	27	90		Eng	500	225	10	0
19 8	110		62	27	18 0	1	0.	600	270	0	0
20 9	00		63	28	70	1	3	700	315	0	0
21 9	18 0		64	28	16 0	1		800	360	0	0
23 10	70		65	29	50		5	900	405	00	0
24 10	16 0	act of	67	30	14 0		6-1	2000	900	0	0
25 11	50	- 14.	68	30	12 0	T.	0	3030	1350	0	0
26 11	14 0	3000	69	31	10	1.18	1	4000	1800	o	0
27 12	30		70	31	10 0	-		5000	2250	0	0
	12 0		71	31	19 0	1:13		6000	2700	0	0
29 13 30 13	100		72	32	80	3 13	- 1	8000	3150	0	0
31 13	19 0		73	32	17 0			9000	3600	0	00
32 14	80	C. C.	74 75	33	15 0	111		10000			0
33 14	17 0	4 4	76	34	40	610			rest HA		
34 15	60		77 78	34	13 0	1		112		8	1
35 15	15 0		78	34 35 35	2.0	10			be Grof		0
	4 0	33. 14	79	35	11 0	N I V	-	144	64	16	0
38 17	20		81	36 35	00		3	T	e Weigh	6	
394 17 1	0 11	71		36	90			2561	11;	4	0
40 18	0.0		83	37	70	1 15	-		in the L		1
41 18	90	7	841	37	16 0	111		305	104		0
42 18 1		15	85	38	50			272	tin al	4.30	a
43 19	701	1	86		140			. 4/ 4	A for the		

_				n,	-		_	-		cny.			_
N.	IL.	fb.	d.		N	L			1	N		-	34 45 6 7 8
I	0	18	ī		44	19		8		87	39	10	3
2	0	18	2		45	20	0	9		88	39	8 8	4
3	I	7 16	3		46	21		11	1	89	4		5
4	I	10	4		48	21	16	0	119	90	4	17	0
1 2	2 2	,	5		49	22	5	1		91	41	15	8
3 4 5 6 7 8 9 10	2	5 14 3 12	71		50	22	14	2		93	42	4	0
8	3	12	78	1	51	123	3	3 4 5 6 7 8	35.57	91	42	13 2 12	10
9	4	1	9		52	23	12	4		94 95 95 97 98	43	2	11
Io	4 4 4	o I	0		53	21	I	. 5		95	43	12	0
II	4 1	1 6	1	-	53 54 55 56	24	10	6	1	97	44	1	1
12	5	8	0	1.	155	24 25	19	7	14. 1	98	1 44	IO	2
13	2 1	8	1	. 1	56	25	0	8	in !	100	44	19	3
13 14 15 16	5 5 6 1 7 7 1 8 8 1	5	3 4 5 6 7 8		57	25	17	9	1 4	200	45	15	1 2 3 480 0
12	7	6	3	6	100	26	15	11	199	300	125	5	0
17	7 1	4	4		59	27	5	0	107	400	181	12	4
17	8	3	5		61	27	14			500	136 181 227	13	4
19	8 1	3 6	7		62	28	3	2		600	272	10	0
20	9	1	8	- 1	63	28	12	3		700	317	18	0 4 8
21	9 1	9 10	9		63 64 65 65	29	I	345678		800	317	6	8
22	9 1	9 10 8 1	0		65	29	10	5		900	408	15	0
23 24 25 26	10	8 1			65	29	19	0	100	Toos	454	3	4
24	10 1	7	1		67 68 69	30	17	8	100	3000	1262	19	0
26	II I	6	2		60	31	6	9	10.0	4000	1362	12	
	12				73	31	15	IO		5000	2270	13	8
28	12 I	4	3		70 71 72 73 74 75 76	32	4	II		6000	2725	0	0
29	13 13 I	3 2	5		72	32	14	0		7000	3179		4
30	13 I	2 (5		73	33	3	1		8000	3633	3	480 0
31	14	I	8	- 1	74	33	12	2		9000	4987	10	0
32	14 I	0 1	6	11	75	34	I	3	17 .	10000	4541	13	4
33	14 1	8 1	9	1	70	34	10	3 4 5 6	200	The G	reat H	undre	4
31	15 1	7 1			77 78	34	19	3		112	50	17	4
35	16	7		1	79	35	17	7		T	De Grol	Te .	
37	16 I	6		-	801	35	6	8	1 7 7 7	144	65 be Weig	8	0
38	17	5 2	2	1	79 80 81 82	35	15	9	1.2		ne Wei	Sp.	
39	17 1	5 4	3		82	37	4	11	135	255	116	2	4
27 28 29 30 31 32 33 33 35 37 38 39 40 41 42	18	3 4	1	-	83	37	4 13 3 12	II	100	365	in the 165	1 4 6	1
41	18 1	2 5			81	38	3	9	16	FA	t in a	Rod	5
12		4 3 4 5 1 6 0 7	2		85	31 32 33 33 34 34 35 37 38 38 39		I	7	274	123	10	8
131	19 1	0 7	1	1	90	39	I	2	122	" 7	,	111	1

			*	At	9	Sp	1411	igs	2 1	ence.		_
N.	L. /	b.	d.	1	N.	IL.	ſh.	d.	1.6	N.	Li. St.	d.
N.		9	2		44	20	3	4	13	87	39 17	6
2	0	9	4	1	45	20	12	6	13	88	40 6	8
3	I	7	6		46	21	1	8		89	40 15 1	01
4	1"	16	8		47	21	10	10	1	90	41 5	0
5	2	5	10	1	48	22	0	0		91	41 14	2
6	2 1	15	0		49	22	18	2		92 93	42 3 42 12	4
3 4 5 6 7 8	3 1	4	2	1	50		7	4	1	93	43 I	8
0	4	2	4		52	23	7	8		94 95	43 10 1	10
10		ī	8		53	24	5	10		96		0
11		0	IO		54	24	15	0		97	44 9	2
12	5 1	0	0		155	25	4	2	+	98	44 18	4
13	5 I	9	2		56	25	13	4		99	45 7	6
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At & Shillings & Pente

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17	8 8 7		60	29 15 0	100	400	100 mg 200 mg
18	9 8 5	25	61	30 4 11	110	500	297 10 0
19	9 8 5	00	62	30 14 10	2120	700	347 1 8
20	9 18 4	108	63	31 4 9 2T 14 8		800	396 13 4
21	10 8 3	03	64	34	20	900	446 5 0
22	10 18 2	100	65	32 4 7 32 14 6	1881	1000	495 16 8
28		2000	67	33 4 5	07.	2000	991 13 4
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27	13 7 9	100%	70	34 14 2	2005	5000	2479 3 4
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13 6 10 0	56			100	50 00
14 7- 10 0	5 58	20 0 0		200	100 00
15 7 10 0				300	150 01
16 18 6 0	59		-1001	400	200 0
17 8 10 0	61		File	500	250 0
18 19500 0	62		cleal	600	300 0
10 10 00 00	63		623	700	350 0
The state of the s	8 64		6113	800	400 0
The second second	2 65		6170	900	
1 40 1 1 - 0 4	60		66 3	1000	Company of the Compan
24 120 01 0	25 67	130 18 0	67.3	2000	10000
25 12 10 0	08 68		1 T. V. V. V.	3000	1500 0
26 130000	ON 69		69	4000	2000 0
27 13 10 0	07 70		7013	5000	2500 - 0
	100 71		120	6000	3000 0
19 14 10 0	72		12 13		3500 0
30 15000	108 73		MEXI.		4000 0
	002 74	1 370 010	1	9000	4500 0
	79	137013 0	128	10000	5000 0
33 16 10 0	76 The	6 38 010	1 /4	TheG	reat Hundre
34 17 00	77	38 10 0	A TRANSPORT AND	112	
35 17 10 0	7	39 00			The Groffe
36 18 00	11 7	9 39 10 0	01	144	
137 18 10 0	1 90		1001	10	The Weigh
38 19 00	8 25		41.34	256	128 0
39 19 10 0	8		0.1	DA	ys in the Tea
40 20 0	8		1 2 1 2 1	365	182 10
41 20 10 0	1 9		with the test	F	est in a Rod
42 21 Q Q	8	5 42 10 0	4	273	1 136 0

	8-2	
IN.IL. Sb. d.M	N. Linghid III.M	N. Lin Sh. d.
010 0 10 6	The second secon	
2 1 1 0		87 45 13 6
311 11 6		88 46 14 0
	46 240 3 015 04	89 46 114 6
04 2 2 00 05 12 12 60	47 24 13 16	90 47 50
05 12 12 60	48 25 4 045 84	91 47 15 6
6 3 3 5 5 7 3 13 6 6	49 25 14 16 2 04	92 48 60
10/di 3013 teb	50 200 5 05 07	93 48 16 6
8 4 4 0	51 26 1516	94 49 70
9 4 14 6	52 270 6 0 5	95 49 17 6
10 8 5 0	53 27 1616	96 507 80
11 5 15 66	54 28 8 0	970 50:18 6
12 6 6 8	55 28 1716	981 0510 90
13 6 16 66	56 29 8 0	99 51 19 6
14 77 201	57 29 18 6	100 52 10 0
15 7 27 605	58 30 9 00 87	The second second second
16 8 8 8 905	1 /-	The second second
17 8 18 600		3000 357 100
18 9 9 9		400 210 00
	61 32 016 10	5000 2620100
19 9 49 600	62 320 11 01	600 3150 00
20 10 10 0	63 33 316 20	700 367 100
21 1100 608	64 33 12 0 10	800 42001010
22 11 11 000	65 340 216	900 472 10 0
23 1201 6001	66 34 13 0 68	10000 5251100
24 12 12 Quos	67 350 316 50	2000 LOCO 10 6
25 13 2 6008	68 35 14 0 80	3000-1575-10-0
26 13 13 0004	69 36 416 00	4000 2400 10 6
127 14 3 6007	70 36, 15 0	5000 2625: 0-0
28 14 F4 Q000	71 370 5162 15	6000 34501 000
29 15 4 6000	72 37 16 0	7000 3675 000
30 15 at 0008	73 38 6 6	8000-42007100
36 160% 6000	74 380 17 00	9000 4775 00
32 16 16 0 0001	75 300 716	10000 5250 00
133117 66	76 39 18 0	AND THE RESERVE OF THE PARTY OF
33 17 6 6 dT	77 40 8 64 5	The Great Hundred
35 18 7 6 1	78 40 19 0 3	112 58 16.0
36 8 18 6		The Große
37 19 8 61		144 75 12 0
38 19 19 0		The Weigh
30 20 19 6 5		256 134 80
20 21 010	82 480 4 01 58	Days in the Teur
1 - 1 - 1 2 - 1 X - 1	83 430 Id 161	365 191 126
	84 44 2 00 1	Feet in a Rod
42 22 10 0	85 44 12 6 1 2 85 45 A 2	272 142 16 0
143122 11 101	851450 3 3 108	O OF ILLE

1. 3

Mar Ald	M	N.	L.	B	71	I.V.	IN	11/2	Lol	p.	34	1
	The second secon	44	24	-	25	44	8	16	47	97	D	
ALCOHOL: AND AND AND ADDRESS OF THE PARTY OF	88	45	24	0776	25	24	8		48	1 8	0	
	68	46		0600		110	8		148			13
		40	25			47	9		249	OLZ	10	
4 78 14 0		47 48	26	0 28 0		48	9	1.4	700	SI	0	-
2 15 0		40					9		80			
6 8 26 0		49		100	6.	24	9		OSI			
103 17 9	:23	50	27			11		4	351			
8 4 4 8 0		51	28	9 19 0	52	13	9		52		(0)	0
9 4 19 9		52			-	1			752			1. 16
0 5 10 0		53		930		201		21	053	1000		6
	76	54		140		154	1 9	89		218	co.	
	86	55		920		125	1 9	89	853			5
	66	56		DIA O		156			254	0	P	-
107 74 9	cer i	57	3	9 7 10		15%	10	19	155	0	PIP	10
8 8 00	200	58	3	18 0		158	20		110			-
8 16 0	320	59	3	9 0	131	159		PH	165		000	1
1970	1490	60	131	0 0 10	134	90		O			070	10
8 9 18 0	500	61	13	911 0	tet	161		X	275			16
0 10 9 0		62	13	0 \$ 10	31	162	60	P			060	
0 11 00 9		63			134	63.	70	Þ	305			70
I II th o		64	3	O ATO	34	170		bì			oi q	3
2 12 12 0		65			13 10	165	9	B	2009	51	22	5
3 12 13 0		66	3	610		166	Io	0	550	13	0: 4	I
4 13 24 10		67		601710		67	200	bo	MD	13	o d	1
13 715 10		68	3	70.8		168	300	(o	1650	11	0 0	1
6 14 650		69	12	701910		00	400	200	220	14	0/10	10
The state of the s		70	13	8010		Sel.	500	20	275	3'1	0.14	1
8 15 8:0		71	13	90 819		171	60	300	330	21	0 0	10
		72		9012		27			385			
0016 1010	Des .	73	13	20 219		22			440			
CONTRACTOR OF THE PARTY OF THE		74	12	201419	100	6			495		0	
		75			1	2			20		0.0	1
2017 1279		76				1	1 1	1		0 -	20	
3 18 3 9	PSOI	77		101016	25	100	Th	16	rent l	HUN	area	
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118+2				20 019		0		10	The G	roll	ge	1
6 19 16		79	3000	A Transfer	\$ 4d	St.	I	44	157	9	43	
37 20 7		80		The second second	-6 ti	100		13	The u	Veig	6	1
38 20 18	1735	81		91110		1401	2	16	1014	0	16	0
39 21 91 0 40 32 31 6	Day	82		1000	14	68		Da.	5 371	TD!	Year	1
1 22 11		83		9131	- 4	130	1 3	45	20	5	15	2
1 22 99	305	34	1 4		4 0	180	1	F	est in		tot	1
42 23 2	3	1 85	14		01	ix	1 2		11-14		12-0	1
43933 K3	3.7/4	86	14	1:6	OCI	12.7	11	10	24	19.2	1 641	

At 14 Shillings 16 Pence.

IN.	L. fal dis	1. N	N.	L	fb.dl	1.1	I.VI	N.	La	fb. d.)
	0 11 6	8		25	CONTRACT OF THE PARTY.	and the same	I morne	87	0 90	-
	8 1 8 3 d	88 .	44			200	44	88		00 6
2		8	45	25			74			12 0
3	1 14 6		46		0900		0.6	89		3 6
4	2016 0	6	47		10.6		47	90	0 51	150
5	3 9 9	6	48	27			84	91	0 32	
6	3 9 0	2	49		0326		49	92	0 52	
8	4106	5 1	501		1500		65	93	o 23	
	4 12 0	8 1	51		6 6		174	94	9 54	
9	5 3 6	8	52	29	18 0	25	23	95	54	12 6
10	5 15 0	6 1	53		96		6.	96		
101	6 6 6		54		OFO		417	97	1 2	15 6
12	6 18 0		55		12 6		55		2 36	70
13	7 19 6		56	32	4 10		05.	99		18 6
144	0		57	34	15 6	3	150	100		10 0
122			58	33	0 7 10	5	85	200		00
16		30	59		18 6		27	300	174	10 0
17	9 15 6		60	34	100		00	400		000
18			61		116		Ici	500		10 0
19	10 18 6		62	35	13 0	-	63	600		0.00
20.			63	36	416		Col	700		10 0
	12 16		64	39	16 0	C	101	800		100
	12 43 0		65	37	2:6	3	39	900		10.0
23	the second second		66	37	19 0		65			200
24	13 16 0		67	30	01016		135			0.0
25	14 7 6		68	37	0 2 0		68			600
26		And the Control of th	69		1316		69			00
	15 10 6		70		0 910		70			00
	16 2 0		71		16 6		71	0000	3450	5100
	the second second second	700	72		0 810		73	8000	4025	0:00
30	17 16 6		73		19 6		73			000
			74		11.0		47		5175	
			75	43	ALC: NO	20.1	77 1	10000	12730	21110
133			76		1410	200 1	1	The G	reat I	Jundred
34	19 11 0		77 78	44	5 6	100	301	112		
133			25	44	17 0		None I		be Gro	
130	CONTRACTOR OF THE PARTY OF THE		79	45	8 6		22.1	144		16 0
38			81	46	0 0	1 6 5	12	T	e Wei	gh
		2	82	46	1116	1	50	256	147	4.0
39	23 0 0		83	47	30	1	20	Days	in the	Je ir
40			84	47	-1416	E	1	365	209	17 6
41			35	48	-17 6	I	39 1		t in a	Rod
142	The Section Section 1	2	85	49		100		272	156	8.0
143	24 14 0		99	+7	9 3	100	-			A STATE

N.	L. fb. d.	N	N.	L.	fb. a	11	IN	N.		fb. 4
1	0 12 0	18	44	26	08	5	144	87	52	045
	1 (40	88	45	27	00	0	174	88		116
9	1 16 0	63	46	27			186	89	52	18
3456	2 8 0	00	47		4	-	100	90		0 0
3		10	48		16		121	91		
2	3 12 0	5 3		29			ON	92	55	4
2	4 4 0		49		0		146			10
7 8	4 4 0	6.63	50				1,51	93		8
2			151	31	13		100	94	57	
9		90	52				175	95		0 0
		CO.	53	31				90	57	12 0
	6 12 0	io-	54	32			100	97	58	4 1
12	7 4 0	Y.	55	133	90		133	98	30	16
13	7 16 0		56				07	99		8 2
	8 8 0		57	34	94	0	183	100		800
4.3	9 0 0	002	58	34	16	0		200		000
	9 12 0	20	159		98		183	300		O
	10 4 9	20	60	139	001	0	100 1	400		ODC
annual like	10 16 0	000	61		912		10	200		100
	11 .8 0	00	62	37	0 4 i		62	600		100
CONTRACTOR OF	12 0 0	70	63	137	16	0	169	700		
	12 12 0	00	64	38	98	0	144	800	480	00
	13 4 0	- 36 - 1	65	39	9 01	0	170	900		D O
	13-16 0	COI	66	39	912	0	100	1000		10 0
	14 8 0	0.02	67		0 41		15013	2000		0 0
25	15 00	COE	68	40	16	0	001	3000	1800	0 0
26	15 12-0	100h	69	41	98	0	169-13	4000	2400	10 0
27	16 74 0	005	70	42	0.01	0	1001	5000		0 0
28	16 16 0	(000	71	42	12	0	17	6000		00
29	17 8 0	700	72	43	940	010	Istil	7000	4200	
	18 000	ces	73		16		1831	8000	4800	00
31	18 12 0	000	74		8		74		5400	
32	19940	ecc:	75	45	00		1351		6000	
331	19.16.0	Tie	76		12 0	100	1961		0 51 6	cles
	20 8 0	2012	77	46			122		reat Hu	
	21 0 0	21	78		16		35	112	67	40
	21 12 0	1.	70	47		40.00	058	p	be Groff	
	4	4	79		0 0	100	08 4	144	86	
	MAKE AN HAVE		81	48	-		1.8 5	I	he Weigh	6
	22 16 0	(1	82				1.85	256	1 153	12 0
	3. d. 8. o	17.		49	4 0		1 5 8 8	Days	in the 1	ear
	24 80 0	39	83	47	16 0		100	365		00
	12 0	3	84	50			10		et in a	
13 6	5 4 9	27	85		00		139		163	
13 2	16 0		100	21	12 0	1	581		100	5.19

The American Co.									
N. L. fb. d. M	N. L. Post. A.M	N. Link d							
1 0 TZ 6 8	44 27 1000 05 44	87 54 07 6							
C 01 5 0 88	45 28 26 2	881 65 -0101							
	46 28 1500 0	89 55 12 6							
	47 29 7 6	90 0 86 05 0							
	48 39 9 85 85	91 6 56 17 6							
6 3 15 910		92 0 57 10 0							
7 4 7 6	50 34 5 00 07	92 0 57 10 0							
	1 1	92 0 57 10 0 93 0 58 2 6 94 58 15 9							
	52 32 10 0	94 58 15 9							
9 5 12 6 0	53 33 206	96 60 00 0							
	54 33 150 0	97 60 12 6							
	54 33 15 0 15 17 17 15 15 15 15 15 15 15 15 15 15 15 15 15	98 61 5 0							
12 7 10 9 9	55 34 7 6 6 6 6 7 5 6 6 6 7 6 6 7 6 7 6 7 6 7	99 51 17 6							
	57 35 12 6	100 62 40 0							
14 0 8 15 9 01	57 35 12 6 58 36 5 0	200 125 00 0							
the state of the s		300 187 10 8							
	59 30 017 0 17 07	400 250 0 0							
27 10 12 6 04		500 312 10 0							
18 11 00 0 000		600 375 10 0							
19 11 17 4000		700 437 10 0							
20 12 10 9 007		800 590 0							
21 13 2 4008		900 562 10 0							
22 13 15 9 00	65 40012 048 70	1000 625 0 0							
23 14 7 4 0		2000 1250 0 0							
24 15 0 9 008		3000 1875 70 0							
25 15 12 6000	69 43 2 6 4 60	4000 2500 0							
26 16 5 9 004		5000 3525 000							
27 16 17 6	70 43 15 0 4 65	6000 3750 0 0							
28 17 10 0 ceà		7000 4375 0 0							
19 18 2 6 007	72 45 0 0 4 55	8000 5000 800							
30 18 19 0 008	73 45 12 16	9000 5635 0 0							
31 1907 6 000	74 46 5 0 1	10000 6250 0 0							
32 200 000 0001	75 46 17 6								
33 20 12 6 34 21 5 0	76 470101010	The Great Hundred							
	77 48 2 645	1112 70 00							
35 21 17 6 36 22 10 0	78 48 1010 1 85	The Groffe							
36 22 10 0	80 50 0 0 1 3	144 90 00							
36 22 10 0 36 22 10 0 37 23 2 6	0-1	The Weigh							
38 23 15 0 39 24 7 6	The second secon	255 160 00							
39 24 7 6		Days in the Teat							
40 25 0 0		36 228 2 6							
41 41 12 01		Feet in a Rod							
		274 173 60							
13 26 17 6	186 53 15 10 17 108	10 pt 32/5th							

N.	D. 10. d.	N.	48 17		Jb. d.	-1	M	N.	Li	[b.]
5	0 18 0	-8 . 44	400	28	1240	25	44	87	56	31
2	81 96 0	66 49		29	510	30	7.5	88	0 \$7	14
3	11 19 0	28 40		29	1810	15	40	89	N 57	17
4	2 12 0	00 4	71	30	TIO		47	.90	0 58	10
3	83 15 0	19 4	8	31	400	28	84	91	9 39	16
6	23 18 O	26 4	91	31	1710	2.2	99	92		
2	74 10 0		ol	32	10 30	5.5	65	93		9
8	25 84 0		1	33		30	5.2	94	61	A
9	6 10 0			33 34	956	35	52	96		281
0	27 33 0		-	35	0220	25	23	97	6 63	71
2	E7 10 0			35	and the second	37	27	98	0 63	14
9	0 66 86	86 3	6	36	080	37	95	99	0 64	37
4	0 12 0	ooi c	71	37	9160		125	100	0.65	60
5	9 1510			37	1460		85	200		0
16	40 80		9	38	9200	38	63	300	0195	0
7	OSTO IE		0		000		00		0325	
8	91 14.0		1 2	39	066		62		3390	92
19	11 000		3	40		54	63	700	190 miles	Q
20	13 TB(0		4	41		EL	64		0520	0
22	94 60		3		6726	1	185	900		0
23	94 19 0		6	42		14	66	1000		0
24	15 120	0000	7	43	II O	45	20		1300	96
25	45 1500		8	44	0400	4	80		1950	90
26	96 18 0		9	44		1	69		2600	0
27	97 1160		0	45	1070		70	5000	3250	00
28	18 4 0	0000 7	2	46	1656	15. A	71	7000	3900	0
29	18 17 0		3	47	950	20	17		\$200	0
31	20 30	2000	4	48	0280	200	94		\$850	00
32	20 96 0	2000	3	48	35.0	37	75	10000		10
33		1 7	6	49	0800	13	75		reat H	cel
33 34	22 2 0		8	50		13	37	112		16
35	23 15 0	1 7		50		23	22		be Gro	
36	23 8 0		9	51	920	6	231	144		12
37	24 I O	1 8	0	52		20		1	be Weig	
38	24 14 0	8	2	53	130		-0	256		81
39. 40	26 7 0 26 0 0 26 13 0	8		53		85	200		in the	
ď	26 13 9	8	41		120	0	18	365		5.1
42	127 6 0	8	:1	55	050	13	18		ct in a	
43	27 19 0	18	6	55	1810	1	128	272	176	16

A		N1.7: 6
N. L. Sb. d.	N. L. Sh.d 1 M	N. Li, h. d.
1 0 13 6	44 29 14 9 85	87 58 14 6 88 59 18 0
	45 30 7 0 05	88 59 18 0
2 2 0 6	1 46 31 0 88 44 64	
2 14 0 00	47 31 14 16 6 18 48 6 18 8 6 18 8 6 18 8 8 6 18 8 8 6 18 8 8 6 18 8 8 6 18 8 8 8	90 60 15 0
2 11 0 00 5 6 7 6 10 6 4 1 0 00		
6 4 1 0 50		92 62 2 9
7 4 14 6	50 33 45 0 48 07 51 34 886 88 17	04 63 99
7 4 14 6 8 8 5 8 0 9	52 35 200 28 57	95 64 72 6
6 15 0 00		06 64 16 0
7 8 6	64 36 69 0 TE 47	98 66 3 9
2 48 2 0 30	155137 0270 RE172	98 66 3 0
3 8 15 6	56 37 16 0	1 - 1 - 1 - 1
9 9 0 001	(7 30 y 0 C C	
5 10 Z 0	58 39 3 0	2001 202 10 0
6 TO IO	59 39 16 6	1
711 90	61 41 3 6 E 10	200 200 10 0
8 12 3 0 00	Here IT also	
9 12 16 6 000	63 42 10 6	700 472 10 0
15 13 10 0 0 0 15 14 3 6 00 0	64 43 4 0 1	800 540 0 9
2 14 17 0 00	65 43 47 6	900 007 10 9
And Della College Co. 1	66 44 3160	1 2000 12250 0
23 15 10 0 00 24 16 4 0 00 25 16 17 6 00 26 17 11 0 00	2 67 45 0416 4	
25 16 17 6 00	68 45 18 0	
26 17 11 0 00		
27 18 4 6 00 28 18 18 0 00 29 19 1 6 00 30 20 5 0 00	70 47 500 47	6000 4050 80
28 18 1800 00	1.0 12 6	7000 4725 80
29 19 1 6 00	8 73 49 506 +18	8000 5400 0
30 20 5 0 0	00 74 49 19.0 0	9000 6075 0
22 21 12 0	001 75 50 12 6 64	10000 6750 0
33 22 5.6	76 51 60	The Great Hundre
34 22 19 0	77 51 19 6	1121 75 12
35 23 12 6 25 24 6 0	78 52 13 0	The Groffe
36 24 6 0	1/7/1/	1441 7/ 4
37 24 19 6	81 54 13 6	The freeze
31 20 18 0 32 21 12 0 33 22 5 6 34 22 19 0 35 23 12 6 36 24 6 0 37 24 19 6 38 25 13 0 39 25 6 6 40 27 0 0	82 55 700	Days in the Year
40 27 0 0	83 56 006 88	365 306 7
41 27 13 6	84 56 14 0	Feet in a Rod
British Bank Steel Co. And S. (2011)	85 57 76	272 183 12
13 29 0 6	186 58 100 28	10 61 121

1	L. 16. d.	I N.	L. A.	11	N.	Li. fb. d.
N.	Carlo Marie Control			0 1	87	60 18 0
1	1 8 0	44			88	61 12 0
2	2 2 0	45			89	62 6 0
3	2 16 0	47		0	90	63 0.0
456	3 10 0	48		0	91	63 14 0
2	4 4 0	49	34 6	0	92	
7	4 4 0	50	135 0	0	93	65 20
7 8	5 12 0	51	135 14	0	94	65 16 0
9	6 60	52	36 8	0	95	66 100
10	7000	53	37 2	0	96	67 40
11	7 14 0	54	37 16	0	98	67 18 0
12		55		0	98	68 12 0
13	9 2 0	56		0	99	69 6 0
14	9 16 0	57	39 18	0	100	70 00
15	o croi	58	40 12	0	200	140 0 0
16	11 40	59	41 6	0	30b	
17	11 18 0	60			500	and the same of the same
18	12 12 0	62		0	600	
19	13 60			0	700	490 00
20	To 2 2	63		0	800	1 47
21	The second second second second	65	45010		900	
23	15 8 0	66		0	1000	
24	16 16 0	67		0	2000	1400 0 0
25	17 10 0	68		0	3000	
26	18 4 0	69		0	4000	2800 0 0
27	18 18 0	70	The same of the same	0	5000	3500 0 0
28	19 12 0	71	49 14	0	6000	4200 0 0
29	20 60	72	50 8	0		4900 0 0
30	21 00	73	51 2	0	8000	
31	21 14 0	74	Carlo Carlo	0	9000	
32	22 80	75		0	10000	7000 0 0
	23 2 0	76		0	The G	reat Hundred
34	23 16 0	77		0	112	
35	24 10 0	78		0	7	be Groffe
36	25 4 0	79	100	0		100 16 0
37	2)	81	56 14	0	7	be Weigh
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	82		The second second		179 40
39	ALTONOM CASE	83	1 0	0		in the Tear
41	28 14 0	84	58 16	0 00 18		255 10 0
42	29 8 0	85		0 20 28		t in a Rod
43	30 2 0	86			272	190 80

		At 14 1	DIMING .		NI	Li, 16.4.
N.	L. Jb. d.	N.	L. Madi	N.	87	63 1 6
OR	0 14 6	44	31 18 0	144	82	63 16 0
0 2	1 9 0	1 45	32 12 6	4	80	64 10 6
03	2 3 6	46	33 7 3	104	90	65 50
04		47	77	47	90	65 19 6
05	3 12 6	48	34 10 G	95	92	66 14 0
06	4 7 0	49	36 5 9	07	93	67 86
07	5 1 6	51	36 19 6	117	94	68 3 0
08	6 10 6	52	17 14 0	12	950	68 17 6
09	7.5 9	53	38 \$ 6	182	96	100
41	7 19 6	54	39 3 0	10	97	70 66
12	8 14 0	55	39 17 6	1000	99	71 15.6
43	9 8 6	56	40 12 0	1001	102	72 10 0
14	10 3 0	51 57	410 6 60	125	200	145 00
15		58	42 15 6	188	300	217 100
16	11 12 0	59	1	159	400	200,00
17	12 6 6	60	1	001	500	362 10 0
18	13 1 00	62	1 111	6 20	600	445 00
19	13 15 6	63		6:14	700	507 10 0
20	14 10 0	6	T. 7	16314	800	580 00
21	15 4 0	60	47 2 6	6170	900	652 10 0 725 0 0
32		66	147 IZ 0	66 4	1000	725 00
23 24	- D -	(07	48 11 6	1 57 4	3000	2175 00
25	0 - 1	68		1 89 4	4000	2900 0.0
26		69		109 4	5000	3625 00
120	19 11 6	0007 70		70 4	6000	4350 00
28	20 6 0	5000 7		2113	7000	5975 00
25		2005 7	6 /	212	8000	5800 00
30	21 15 0	0008 7				65 75 0.0
13	22 9 6	7	111111111111111111111111111111111111111	2 2	10000	7250 00
13		7		1710-1	The G	reas Hundred
13.	Control of the Contro			177 5	112	P 81 40
3	19 10 10 20 20 10	D 961 7	8 56 11 0	158 54	1	the Groffe
3		7	0157 50	65 62	144	104 80
12		1 8	0 58 00	DX 08		The Weigh
33	8 27 11 0	8		101 150	256	185 12
3	0 28 5 0	8	2 59 9 0	56 26	P	nys in a Tear
4	29 00		3 60 3 6	000	369	ees in a Rod
4	1 29 14 6	1.7 0		100 100	277	1 197 4
4			6 62 70	69 93	2/4	5 3 60

ence.	At 15 Shillings	At
N. L. Ja. d.	N. 12 13 4	N. Li. A. L.
3 2 5 6	45 33 15 0	\$8 66 a a
4 3 000	47 35 5 0	90 67 10 0
	49 36 15 0	93 69 15 0
7 5 5 6 8 6 0 0 9 6 15 0	51 38 5 0 17 52 39 0 0	94 70 10 0
10 7 10 0	53 39 15 0 54 40 10 0	96 72 0 0
12 9 0 0	55 41 5 0	98 73 10 0
14 10 10 0	57 42 15 0	100 75 00
16 12 0 0	59 44 5 0	200 150 0 0 300 225 0 0
18 73 10 0	61 45 15 0	500 375 0 0
19 1405 p	62 46 10 0	700 525 0 0
21 15 15 0	64 48 0 0	900 675 0 0
23 17 5 0	66 49 10 0	1000 750 0 0 2000 1500 0 0
26 19 10 0	68 51 0 0	3000 2250 0 0 4000 3000 0 0
28 219 (8) 6000	70 52-10 0	5000 3750 0 0
29 21 15 (0 - 8 30 22 10 0	72 54 0 0	7000 5250 0 D
31 23 500	74 55 10 0	9000 6750 0 0 10000 7500 0 0
33 2414 F. 97 MT	76 57 00	The Great Hundred
35 29075 RI	78 58 40 0	The Groffe
37 27 45 9	80 63 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	144 108 0 0 The Weigh
39.39. 3 .8	82 61 10 0	Days in the Tear
4L 39 LF 0	184163 4050 7018	365 273 15 0 Feet in 4 Red
43 32 5 0	85 63 15 0 20 28 86 64 50 0 0 0 08	272 204 0 0

4.5

W.	L. Sh. d.	1	IN.	L. 16. d. 1	I.VI	1 N	Lia Bud
	0 15 6	of the second	44	34 2 0	Same !	87	67 8 6
OF	1 11 0		45	34 17 6	44	88	68 40
0 Z	2 6 6		46		148	89	- 68 19 6
3	3 2 0		47	35 13 3	24	90	69 15 0
0.5	3 17 6		48	37 40	848	91	70 TO 6
6			49	37 19 6	102	92	71 60
	4 13 0		150	38 15 0	104	93	72 1 6
8	6 40		51	19 10 6	10.	94	72 17 0
9	6 19 6		52	40 60	152	95	73 12 6
10	7 15 0		53	41 1 6	1831	96	77 76
11	8 10 6		54	41 17 0	154	97	
12	9 60		55	42 12 6	1351	98	75 19 0
13	10 1 6		56	43 8 0	107	100	77 10 0
34	10 17 0	53	57	44 3 6	125	200	155 00
15	11 12 6	02	58	44 19 0	87	300	232 10 0
16	12 8 0	PE 1	59		188	400	210 00
	13 3 6	40	60	46 10 0	100	500	387 10 0
	13 19 0	83 . 1	62	48 10	62	600	465 ,00
-71	14 14 6	00	63	48 16 6	1	700	542 10 0
	15 10 0		64	49 12 0	150	800	620 00
	16 5 6	pa I	65	50 76	1501	900	697 10 0
	17 16 6	and I	66	ST 3.0	99	1000	775 100
	18 12 0	1	67	51 18 6	167	2000	1220 00
-	19 7 6		68	52 14 0	80	3000	23258 0 0
-, ,	20 3 0	mon l	69	53 9 6	100	4000	3100 00
	20 18 6	1007	70	54 5:05	176	5000	3875000
	21 14 0	loco l	71	55 0 61	121		4650 00
	22 9 6	7000	72	55 16 0	157.	7000	STATE OF THE PARTY OF THE PARTY.
	23 5 0	1008	73	56 14 6	731	9000	The same of the sa
31	24 0 6	6000	74	57 70	124	10000	Land on Links
32	24 16'0	Specit i	75	58 26	1321		100
	25 11 6	-77	76	58 18 0	176		eat Hundred
341	26 7 0		177		77	112	86 16 0
	27 2 6		78	60 90	78		e Groffe
Action 10		al .	801	62 0 0		144	111 12 0
	28 13 6	1	81	62 15 6			he Weigh
	The second second	250	82	63 11 0		250	198 80
39		17.50		64 6 6	1 01		282 17 6
40	3	365	84	65 20		360	in a Rod
	31 15 6	F	85	65 17 6		272	
	3 66	272	86			4/41	CE TEM

N. L. Co. d.	N.	L. Sh. d.	1	N. [Ls. fh. d.			
1 0 16 0	199 44	35 40	94 30	87	69 12 0			
2 1 12 0	Q8 45 46	36 0 0 36 16 0	36 37	88	70 8 0			
4 3 40	100 47	37 12 0	12 38	90	71 4 0			
\$ 4 00	148	38 8 0	46 39	91	72 16 0			
6 4 16 0	10 49	39 4 0	TA 103	92	73 12 0			
2 1 12 0 2 8 0 4 3 4 0 5 6 4 10 0 7 5 12 0	12 94	40 16 0	51 42	93	74 8 0			
	178 152	41 12 0	152 42	94	76 00			
9 7 4 0	53	42 8 0	153 43	96	76 16 0			
1 8 16 0 2 9 12 0	80 54	43 4 0	24 72	97	77 12 0			
10 8 0	96 22	44 16 0	21/95	99	79 4 0			
4 11 40	57 58	45 12 O	152 42	100	80 00			
6 12 16 0	58		Se 103	200				
7 13 12 0	59 60	47 4 0 48 0 0	02 00	300 400	240 0 0 320 0 0			
8 14 8 0	61	48 16 0	03 19	500				
9 15 40	000 62	49 12 0	62 50	600	480 0 0			
1 16 16 6	63	50 8 0 51 4 0	64 52	800				
THE RESERVE OF A STREET	65	52 00	65 83	900				
17 12 D	66	52 16 0	65 54	Iood	800 00			
4 19 4 0	67	53 12 0	25 189		400 0 0			
6 20 16 0	69	54 8 0	165 36		200 0 0			
7 21 12 0	0007 70	56 00	76 87	5000 4	idoo o d			
8 22 8 0	17 7000	56 16 0	71 88	6000	800 00			
0 23 4 0	0008 72	57 12 0	73 60	8000	600 0 0			
1 24 16 Q	COCQ 74	59 40	74 41	1 1 1 1 1 1 1	200 0			
2 25 12 0	75	00 00	10 37	10000	3000 0			
3 26 8 0 4 27 4 0	76 TELL 77	61 12 0	77 63	The Gre	at Hundred			
5 28 00	78	62 8 0	138/61	112	89 12 0			
6 28 16 0	141 79	63 40	79168	1441	its 4			
8 30 8 0	80	64 0 0	181 05	T	e Weigh			
9 31 4 0	82	65 12 0	82 62	256	204 16			
0 32 0 0	170 83	66 8 0	180 188	The second second	in the Tear			
1 32 16 0 12 33 12 0	1397 84	67 40	10 10	365 Fee	292 0 0			
33 12 0 3 34 8 0	85	68 16 0	100000000000000000000000000000000000000		217 12			

N. L. fb. d.	N. L.	Jb. 4 1	/ N.	Li. fh. d
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	N. 44 36 37 47 38 49 40 50 42 51 42 53 44 45 55 44 45 55 56 45 56 57 58 56 57 58 56 56 57 57 58 56 56 57 57 58 56 57 58 56 56 57 57 58 56 56 57 57 58 56 57 58 56 56 57 58 56 56 57 58 56 56 57 58 56 56 57 58 56 56 57 58 56 56 57 58 56 56 57 58 56 56 56 57 58 56 56 56 57 58 56 56 56 56 56 56 56	6 0 2 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	87 88 88 89 90 91 92 93 94 95 96 97 98 99 100 200 300 400 500 600 700 800 900 1000 200 3000 400 5000 600 700 800 1000 1000 1000 1000 1000 1000	71 15 6 72 12 0 0 74 5 76 14 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

N	L. fb. d.	NA.	N.	L.	Sh. d.	11.8	N.	Li. fb. d
I	0 17 0	28	44	37	8.0	No Fall	87	73 19 0
2	1 14 0	88 . (1 45	38	50	RELAS	88	74 16 0
3	3 8 0	68	46	39	20	15 40	89	75 13 0
4	3 8 0	56	47	39	19 0		90	
5 6	5 20	16	49	41	13 0	4	92	78 4 6
7	5 19 0	10	50	42	IO C	FIR I VE	93	79 1 0
8	6 16 0		51	143	7.0	111111	94	79 18 0
9	7 13 0		52	44	400	1 52	95	80 15 0
10	8 10 0	96	53	45	OLIC	Op I st	96	81 12 0
11	9 70	26	54	45	18 0	5-113	97	82 90
12	10 4 0	86	55	46	15 0	4177	98	
4	11 18 0	65	57	43	90	130	100	84 3 0 85 0 0
5	12 45 0	200	57	49	60	2125	200	170 0 0
16	13 12 0	gep -	59	50	320	17 103	300	255 0 0
18	14 90	200	60		000	160 53	400	340 0 0
18	15 60	007	61	SI	170	16-51	500	
9	16 3 0	000 10	62	52	14 0	er se	600	
20	17 0 0		64	53	80	1 63 23	800	595 0 0
22	18 14 0		65		500		900	595 0 0 682 0 0 765 0 0
23	19 11 0		66	55	20	1	1000	850 0 0
24	20 8 0		67	55	19 0	8:172	2000	1700 0 0
25	21 50	9005	68	57	160		3000	
26	22 2 0	0007	69	58	130	160	4000	3400 0 0 4250 0 0
27 28	22 19 0	0007	70	65	70	13466	5000	4250 0 0
29	24 13 0	DOUG.	72	61	40	171		5950 0 0
10	25 10 0	800	73	62	i o	13.1		6800 0 0
21	26 70	9563	74	62	18 0			7650 0 0
32	27 4 9	1 0000	75	63	15 0	100	10000	8500 0 0
33	28 I O	Dalt'	76	64	12 0	10000	The G	reat Hundred
	29 15 0	211	77 78	65	90	YITH	112	
36	30 12 0	1	79	67	30	V8 1031		he Groffs
	31 90	pp1	80	68	00		144	122 8 0
38	32 60		81	68	17 0	00 12		The Weigh
39	33 30	475	82	69	14 0	2.1	256	217 12 0
10		100	83	70	11 0		365	310 5 0
41	34 17 0	3	84	71	80	1.81	30) F	at in a Rod
42	35 14 0		85	73	50	06358	272	

100,000	. Sh. d.		N. L fb. d.	1 V.	N.	Li. sh	. d
	0 17 6	0	44 38 10 0	VL 144	87	76 2	6
2	1 15 0		45 39 7 6	34.6	88	77 0	
3	2 12 6	50 AL S	46 40 50	0413	89	77 17	
4	3 90		47 41 26	6 1 7	90	78 15	
3	4 6 6		48 42 00 0		91	79 12 80 10	11/17
3	5 4 0	18	50 43 15 0	3.105	92 93		
10 mg	F - 100 - 111	14.	51 44 12 6		94	81 7	
9	7 17 6	1	52 45 10:0		95	83 2	
10	8 15 0	10	53 46 7 6	er with	96	84 0	
II	9 12 6	N. L.	54 47 50		97	84 17	
12 1		1	55 48 20		98	85 15	0
13 1		3	56 49 00	10 20	99	86 12	6
14 1		1	57 49 17 6	1 100	100	87 10	0
15 1		3	58 50 1500		200	175 0	0
16 1			60 52 1000	Met As	300 400	262 IO	0
18 1		115	61 53 7 6	51	500	350 o 437 Io	0 0
19 1		sed.	62 54 5 0	6412	600	525 0	0
20 1	E-602175 L. T.	75	63 55 2 6	2 2	700	612 10	0
21 1	8 76	08	64 56 00	9 42	800	700 0	0
22 1			65 56 17 6	. 60	900	787 10	0
23 2		1	66 57 15 0		1000	875 0	0
24 2		4.2	67 58 12 6 68 59 10 0		2000	1750 0	0
25 2		3 1 1	68 59 10 0	Tax a	3000	2625 0	0
27 2		- 7 1	70 61 50	1	5000	3500 0 4375 0	0 0
8 2			71 62 2 6	011	6000	5250 0	0
29 29		40 1	72 63 00	3 50	7000	6125 0	0
30 20	50	363	73 63 17 6	17316	8000	7000 0	0
1 27	2.6		74 64 45 0	1 to 3	9000		0
2 2		Childry 10	75 65 12 6	7	10000	8750 0	0
3 28		HAT:	76 66 10 0		The Gr	eat Hundre	ed
34 25			1/6	130	112	98 0	0
5 30	100-100-100		78 63 5 0			Groffe	
71.22			80 70 00	111	144		0
8 33	1907	1	81 70 17 6	1	The	Weigh	1
9 34			82 71 15 0		256		9
10 35	00	5	83 72 12 6	WARE !	365	n the Tear	6
11135	17 6		84 73 10 0	111		in a Rod	Y
2 35	15 0		85 74 7 6		272		0
13/37	12 6	Share and the	86 75 501		lula or	1 1 1 1	93

At 18 Shillings 6 Pence.

N.	L. fb. d.	1	N.	L. /	b. d.		1 N.	Li.	fb.
N.	0 18 6		44	40 1			87	80	-
2	1 17 0		45	41 12			88	1 81	8
3	2 15 6	1	46	42 11			89	82	. 6
4	3 14 0		17				90	83	5
5	4 12 6		48	43 8	30		91	84	.3
6	SILO		19	45 6	56		92	1 85	2
8	6 96		50	46 5			93	86	0
	6 96		51	147 3	6		94	86	19
1.9	8 66		52	48 2	0		95	87	17
10	9 50		53	19 0	6		96	88	16
II	10 3 6		54	19 19	0		97	89	14
12	II Z O		55	150 17	6		98	90	13
13	12 06		56	51 16	0		99	91	11
14	12 19 0		57	52 14	6		100	92	lo (
15	13 17 6		58	53 13	0		200	185	0.0
16	14 16 0		59	54 11			300	277	10
17	15 14 6	The same	60	55 10			400	370	0
18	16 13 0	3	61	56 8	6		500		10 (
19	17 11 6		62	57 7			600	-555	0
20	0 01 81		63	58 5	6		700	047	10
21	19 8 6		61	59 4	0		800	740	00
22	20 70		65	60 2	6		900	832	100
29	21 56		66	61 1			1000	925	00
241	22 40		67	61 19	6		2000	1850	0 0
25	23 2 6	1 13 5	68	62 18	0		3000	2775	0 (
	24 10		59	63 16	6		4000	3700	00
27	24 19 6		70	64 15	0		5000	4625	00
28	25 18 0		71	65 13	61		6000	5550	0 0
	26 16 6		72	66 12	0	11 7	7000	6475	0 0
30	27 15 0	1	73	67 10	6		8000	7400	0 0
31	28 13 6		74	68 9	0		9000	8325	00
32	29 12 0		75	69 7	6		10000	9250	0 0
31 32 33 34 35 36	30 10 6		76	70 6	0	1.1	The Gr	eat Hu	ndred
3+1.	31 90		77	71 4	6		112		120
33	33 60		28	72 3 73 1	6			be Grof	
17/	3+ 46		79				1441	133	40
37 38 39	35 30			74 °0 74 18	6		T	e Weig	6
30	35 3 0 36 1 6 37 C 0			75 17	1		256	236	160
10	37 c o	1			6	1	Days	in a Te	ar
IT I	7 18 6	16	34		0		3651		126
12	8 17 0	16	35	77 14 78 12	6	3.1		in a Ro	
1313	19 15 6	16	36	79 11	0		272	251	12 0

N. L. Sb. d.	N.1	L. Jh. d.	1	I N.	Li.	fb. a
				87	82	13 0
1 0 19 0		1 16 0		88	83	12 0
2 1 18 0	45 4	2 15 0		89	84	
3 2 17 0	46 4	3 14 0	13		85	10 0
3 2 17 0 4 3 16 0 5 4 15 0 6 5 14 0	47 4	4 13 0	1	90	86	
5 4 15 0		5 12 0		91	87	80
	1101	6 11 0		92	88	7 0
7 6 13 0		7 10 0		93		60
		8 90		94	89	
9 8 11 9	52 4	9 8 0	-/-	95	90	50
10 9 10 0		0 70	-	96	91	40
11 10 9 0	54 5			97 98	92	3 0
	55 5			90	93	
13 12 70	56 5		190	99	94	10
14 13 60	57 5			100	95	00
15 14 5 0	58 5	5 20		200	.190	00
6 15 40	59 5	6 10		300	285	0 0
7 16 3 0	60 5	7 00		400	380	0 0
8 17 20	61 5	7 19 0		500	475	00
9 18 1 0	62 5	8 18 0		600	570	0 0
0 19 0 0	63 5	9 17 0		700	665	00
1 19 19 0	64 6		1994	800	760	00
2 20 18 0	65 6			900	855	00
3 21 17 0	66 6			1000	950	00
4 22 16 0	67 6	3 13 0		2000	1900	0 0
23 15 0	68 6			3000	2850	0.0
6 24 14 0	69 6			4000	3800	0, 0
7 25 13 0	70 6			5000	4750	00
8 26 12 0	71 6	7 90		6000	5700	0.0
9 27 11 0	72 6	8 80		7000	6650	0 0
28 10 0	73 6	70		8000	7600	0 0
29 9 0	74 7			9000	8550	0 0
	75 7			10000	9500	0 0
31 70	76 7			The G	eat Hu	ndred
4 32 60	77 7	3 3 0		112		8 0
5 33 5 0	78 7.	1 2 0			be Groff	
6 34 4 0	79 7			144		16 0
7 35 3 0	80 7	5 00		T	be Weig	
8 36 2 0	81 7	-	3	256		4 8
9 37 1 0	82 7	7 18 0	100	, ,	in the	
0 38 0 0	83 7	8 17 0		365	345	
1 38 19 0	8417				tin al	
39 18 0	185 8			272	258	
13 40 17 0	86 8	1 14 0		2/21	2)0	20

.

N.	L. Sh. d. 1	N.	L. Sh. d.		N. Li.	fa.
1	0 19 6	44	42 18 0		87 84	16
2	1 19 0	45	43 17 6	3. 1	88 85	16
3	2 18 6	46	44 17 0			15
4	3 17 0	47	45 16 6		90 87	15
3456	4 16 6	48	46 16 0		91 88	14
6	5 16 0		47 15 6	1.	92 89	14
7	6 15 6	49	48 15 0			
8			49 14 6			13
9	8 15 6	51	7/ -/		94 91	13
10	,	52			95 92	
	9 15 0	53	1		96 93	12
II	10 14 6	54	52 13 0	100	97 94	
12	11 14 0	55	53 12 6		98 95	11
13	12 13 6	56	54 12 0		99 96	
14	13 13 0	57	55 11 6	1	00 97	10
15	14 12 6	58	56 11 0	1 2	200 195	0
161	15 12 0	1591	57 10 6	3	292	IO
17	16 11 6	60	58 10 0		00 487	0
18	17 11 0	61	59 96	1 5	00 487	IO
19	18 10 6	62	60 90	1 6	585	0
20	19 10 0	63	60 90		00 682	IO
21	20 9 6	64	62 80	8	200 780	0
22	21 . 9 0	65	63 7.6		000 877	
23	22 8 6	66	64 7 0		00 975	0
24	23 8 04	67	65 66		000 1950	
25	24 7 6	68	65 60			q
26	25 70				2925	
27	26 6 6	69			3900	
27 28 29		70	68 50	1 - 2	00 4875	0
10	27 60	71	69 4 6		00 5850	0
27	28 5 6	72	70 40		00 6825	0
0	29 50	73		80		0
11	30 46	74	72 3 0	90	1 - 1	0
3	31 40	175	73 2 6	103	00 9750	0
13	32 3 6	76	74 2 0	The	Great H	
1	33 30	77	75 16			
15	31 26	78	76 1 01		12 109	4
10	35 2 0	79	77 06		The Gro	
71	35 2 6	1801	18 001	I.	14 140	8
8	37 1 0	81	78 19 6	1. 31	The Wes	
9	35 0 61	82	79 19 9	25	51. 249	12
ial:	35 0 6	83	\$5 18 6,	1	Days in a	Tear
.1	9 19 6		81 18 5	1 30	51.355	17 (
	10 19 0	84	S1 17 6		Feetin a R	01
31	11 18 6	85	0 - 1/ 0		2 265	40

N. L. Sh. d.



A General RULE to know whether the Numbers in this BOOK be truly printed or not.

OR the manner of Calculating them, it is obvious enough, it being only the continual addition of the first Number in every Page thorowout: But when any Question is resolved by these Tables, if any other person question the truth of the Resolution, it may be thus proved:

EXAMPLE.

Suppose this Question, At 7 Farthings the Pound, what will 97 Pound cost?

THE Answer by the TABLE will be 14 Shillings, 1 Peny, 3 Forthings.

And that this is the true Resolution, I thus prove:

40 Pound 3 at that Rate, comes to \{ \(\cdot \) \(\cdo \) \(\cdo \) \(\cdo \) \(\cdot \) \(\cdot \) \(\cdot \) \(\cdot \) \(\cdot

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TABLES

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EXCHANGE,

SHEWING

What is Gained or Loft upon

MONEY

Delivered in England to be received in France.

In England to be received in Holland.

in England to be received in Holland.

This T	A	В	L	E	heweth	what	is	loft	or	gained	upon	Icol
Rates	7	nen	atio	nea	in the	Table	:					

French Crowns remitted from London to Paris, at any of the Reckoning the Par at 72 d. Sterling for a Crown.

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1.8s.	F.C	.olx	de.	d.	8s.	F.C.	folx	de.	d. 8	3s.	F.C.	folx	de:
50	10	46	1	67	4	6	40	0	70	0	2	51	5
I	10	33	4		5	6	28	1	1	1	2	40	5
21	10	20	8		6	6	16	4		2	2	29	5
3 4 5 6	10	8	0		7	6	4	4 7		3	2	18	6 8
4	9	55	5	68	0	5	52	II		4	2	7	8
5	9	42	10		1		41	3		5	1	56	9
6	9	30	4		2	5	29	8		6	I	46	0
7		17	10		3	5	18	1		7	I	35	9026
60	9 9 8 8 8 8 8	53	5		3 4 5	5 5 5	6	6	71	0	. 1	24	6
I	8	53	0	- 10	5	4	55	0		1	1	13	9
2	8	40	8		6	4	43	7		2	I	3	1
	8	28	51		7	4	32	2	100	3	0	52	6
3 4 5	8	16	5 2	69	0	4	20	10			0	41	11
5	8	4	0		1		9	6		4	. 0	31	5
6	7	51	OI	5	2	3	58	3		6	0	20	10
7	7	39	9	1.	3	3	47	01		7	0	10	5
70	7	27	9		4	3	35	9	72	0	0	0	0
1	7	15	9		5	3	24	8		1			
2	7	3	9		6	3	13	6		-			
3	6	51	10		7	4 3 3 3 3 3 3 3 3 3 3 3	2	51	1.			W.M	

Example.

9 W Hat is gained upon 100 Crowns remitted from London to Paris, the Exchange ruling at 56 d. & Sterling per French Crown ?

Aft your Eye into the First Column of this Ta-I ble, and go along till you come to 56 d. 3, and in the next Column against it stands 27 French Crowns, a faix, 11 de. which shews that (when the Exchange meat 56 d. 1) there is gained upon every 100 Crowns 17 French Crowns, 42 folk, 11 de.

Note, That the Exchange from London to France is made upon the French Crown.

This TABLE sheweth what is lost or gained upon of the Rates therein mentioned:

10

Cro Cro

d.	9.	F.Cr	. folx	den.	1		d.	9.	F.Cr.	Jolx	den
90	0	33 32	20	0			99	2	20	36	2
		32	57	10				3	20	18	0
	2	32	35	9	1		100	3	20	0	. 0
	2 3 0	32 32	13	10				1	19	34	2
16	0	31	35 13 52	1	100			2	19	24	2
	1	31	30	4				3 0	19	6	4
	2	31 31	8	10	7		101	0	18	48	
	3 0	30	47	4	17			1 .	18	48 31 13 56 38 21	7
92		30	26	. 1	744	-		3 0	18	13	7
	3 0	30 29 29	4 43 22	8				3	17 17 17	56	2
	2	29	43	8			102		17	38	9
	3	29	22	9				3	17		
93		29	I	11				2	17	4	4
	, 1	20	41	6			****	3	10	47	3
	3 0	20	20	0			103	0	. 16	30 13 56	
	3	20	0	6				1	16	13	4
94		27	39	0				3	15	50	
	1	26	19	3			101		15	39	9
	3 0 1 2 3 0	28 28 27 27 26 26 26	59 38 18	II			101	1 2	15	23	0
05	3	26	18	11				2	15	10	11
95	0	20	59					2	14	49	11
	2	25	39	0			105	. 0	14	33	6
	2	25 25 25	19	3			10,		14	33	
96	3	25	0	0				3 0	14	41	7
,-	1	24	40	6				2	13	44 28 12	6
	2	24	21	1			106	0	13 13 12	12	
	3	24	. 1					1	12	56	;
97	3 0	23	42	10		-		2	13	40	6
•		23	23					3 1	12	2.1	8
	30	23	. 4	77			107	3 0	12	24	5 6 8
	3	23	45	9		-		1	11	53	
98	0 1	22	26	11		199			11	37	3
100	1	22	8	2				3!	11	22	
	21	21	49	7			108	3	11	6	8
	31	21	31	8 8				1	10	51	2
99	3	21	31	8					10	35	11 8
	1 1	20	59	II				3	10	20	8

100 French Crowns remitted from France to Holland, at any Reckening the Parr at 120 Gros for a Crown.

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II

4.	9.	F.Cr	folx	den.	4	9.	F.Cr	folx	den.
109	-	10	0	0	114	2	4	48	-2
.,	I		50	4		3	4	34	6
	2	99998888777766	35	4	115	3	1 4	34	
	3	9	20	4		1	4	7	393
110	0	9	50	5.7		30	4 3 3 3 3 3 2 2 2 2 1	53	9
	1	8	50			3	3	40	3
	2	8	35	10	116	0	1 3	26	10
	3 0	8	21	1	1 14 2	1	3	13	6
111	0	8	6	5		2	3	0	3
	I	7	51 37			3 0	2	47	. 0
	1 30	7	37	4	117		2	33	1087789
	3	7	22	II		1	2	20	8
IZ	0	. 7	. 8	6	1	2	2	7	7
	1.	6	54	3		3		54	7
	3 1	6	40		118	0	1	41 28	8
	3:	6	25	9		1	1	28	9
13	0	6	11	8	1 11 37	2	1	15	II
	1	5	57	7	1	3 0	1	50	1
	2 4	5	43	98778	119	0	0	50	8
	3	5	29		1	1	0	37	
14	01	5	15	9	1	2	0	25	6
	1 1	5	1	II,	1	3 1	0	12	6

Example

What is gained upon 100 Crowns remitted from Paris to Amsterdam, the Exchange going at 107 d. Flemish, we every French Crown?

Aft your Eye upon the first Column of this Table, and go downwards till you come to 107 d. and in the next Column against it, stands 12 Crowns, 8 solx, 11 deniers; which shews that upon every 100 Crowns, at 107 d. per Crown, there is gained 12 French Crowns, 8 solx, 11 deniers.

Note, The Exchange from France to Holland, is made upon the stench Crown.

This TABLE sheweth what is lost or gained upon don to Ainsterdam, at any of the Rates mentioned. Reckoning the Parr to be at

Sh.	d.	Gild.	sti.	pen.		S6.	d.	Gild.	fti.	pen
33	4	.0	0	0		35	10	45	0	0
	5	I	IO	0	10	No.	11	46	10	0
		3	0	0		36	0	48	0	0
	7 8	4	10	0		1	1	49	10	0
		6	0	0		1	2	51	0	0
	9	7	10	0	11 12		3	52	10	0
	10	9	0	0		1	4	54	0	0
	11	IO	10	0	100		4 5	55	10	0
34	0	12	0	0		100	6	57	0	0
	. I	13	10	0			7 8	58	10	0
	2	15	0	0		133		60	0	ō
	3	16	10	. 0			9	61	10	0
	4	18	0	0	13:		10	63	0	0
	5 6	19	Io	0			II	64	10	0
		21	0	0	4 1 1 1	37	0	66	0	0
	7 8	22	10	0		1	I	67	Io	0
		24	0	0	Mary Silver		2	69	0	0
	9	25	10	0		1	3	70	10	0
	10	27	0	0		100	4	72	0	0
	II	28	10		13.3		5	73	10	0
35	0	30	0	0			6	73	0	0
	1	31	10	0			7 8	76	10	0
	2	33	0	0			8	78	0	0
	3	34	10	0			9	79 81	10	0
	4	36	0				10	81	0	0
	3 4 5 6	37	10	0		1	11	82	10	0
	6	39	0	0		38	0	84	0	0
	7 8	40	10	0	1		1	85	10	0
	8	42	0	0		lin.	2	87	0	0
	9	43	10	0	1000	1	3	88	10	0

Pou

100 l. Flemish, or 60 l. Sterling, remitted from Lon-

18. 4d. Flemish per 1. Sterling.

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i. d.	Gild.	ſŧi.	pen.			Sb.	d.	Gild.	fti.	pen.
8 4	90	0	0			39	9	115	10	0
5	91	10	0				IO	117	0	0
6	93	0	0	7 7			11	118	IO	0
	94	10	0			40	0	120	0	0
7 8	96	0	0				I	121	IO	9
9	97	10	0				2	123	0	0
10	99	0	0				3	124	IO	0
11	100	10	0		1		4	126	0	0
9 0	102	. 0	0		1		. 5	127	10	0
1	103	10	0				6	129	0	0
2	105	0	0			,	7	130	10	0
3	106	10	0	*			8	132	0	0
4	108	0	0				9	133	10	0
5	109	10	0				10	135	0	0
6	III	0	0			-	11	136	10	0
7 8	112	10	0			41	0	138	0	0
8	114	0	0		I BUT	-				

Example.

What is gained upon 100 l. Flemish or 60 l. Sterling, remitted from London to Amsterdam, the Exchange ing at 36 sh. 4 d.

Aft your Eye upon the first Column of this Table, and go along till you come to 36 sh. Land in the next against it stands 54 Gilders, which is founds Flemish, because 6 Gilders is a Pound Flemish, and times 6 is 54 Gilders.

N

Things Necessary to be known of all Men, especially of City and Countrey Traders and Chapmen.

A Dicker of Hides or Skins of Leather—10 Skins
A Chaldern of Coals 36 Buffels
A Load of Timber 50 Solid Feet
A Hogshead of Wine 63 Gallons
A Barrel of Beer 36 Gallons
A Barrel of Ale 32 Gallons
A Groffe 144 or 12 Dozen
A Weigh of Cheefe 256 Pound
Days in a Year — 265
Days in a Year
In a Role of Vellam or Parchment -60 Skins
In a Ream of Paper 20 Quire or 500 Sheets
In a Tun of Wine 252 Gallons
In a Tun of Wine 252 Gallons In an Acre of Land 160 Perches
In a Rood of Land - 40 Perches
In a Pole or Perch iquare of Land - 2724 Feet
In a Rod, Pole or Perch of Land in length only, 16; F.
In a Bale of Paper — 10 Reams
In a Pipe or Butt of Wine 120 Gallons
In a Last of Corn - 10 Quarters, or 60 Buffels
In a Tun of Iron, 20 Hundr. Weight, or 2240 Pound
In a Fodder of Lead, 19; Hundr. or 2184 Pound m.
In a Tod of Wooll - 28 Pound
In a Sack 364 Pound
In a Last 4368 Pound

The SECOND PART:

SECT. I.

Confisting of TABLES of Simple Interest ready Calculated, at the several Rates of VI. VII. and VIII. lib. per Cent. per Annum.

One Day to a Year or Twelve Months:
And, consequently, for any greater
Sum, or longer Time.

ALSO,

for the like Sums and Times.

AND

The Uses of both, Illustrated by Variety of E X A M P L E S.

Aa

Men, ders

Skins afhels Feet allons

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Simple Interest at VI. per Cent. For

	1		Day.		1	2 I	Days		1	31	Days		1	4	Days	
	I.	3.	d.	9.	I.	5.	d.	17.	I.	S.	d.	9.	1.	5.	d.	9
5	0	0	0	0	0	0	0	0	0	U	0	0	0	0	0	
Shil Is	0	0	0	0	0	0	0	o	0	0	0	C	0	0	0	-
= 15	+0	0	0	0	0	0	6	0	0	0	0	.0	0	0	0	
1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0.	1	0	0	0	1
3	10	0	0	0	0	0	O	1	0	0	0	1	0	.0	0	1
	0	U	0	0	0	0.	0	1	0	0	0	2	0	0	6	1
5 5	0	0.	0.	0	0	0	0	1	C	0	0	2	0	0	0	3
Pounds.	0	0	0	1	0	0	0	2	0	0	0	3	0	0	0	3
	0	0	0	i	0	40	io di	2	0	0	0	. 3	0	0	Ì	0
7 8	0	0	0	I	0	0	0	2	0	0	00	3	0	0	1	1
9	0	0	0	2	0	.0	0	2	0	0	0		0	0	1	1
	0	0		-	0	0	0	3	0	0	1	3	0	0	1	1
10	0	0	0	2	0.0	0	1	2	0	0	2	12	0	0	3	0
7 20	0	.0	0	3	0	0	2	1	0	0	3	2	0	0	4	2
30	0	0	1	2	0	0	3	1	0	0	4	.3	0	0	4	1
Tens of Pounds	0	0	1		0	0	4.	0	0	0	5	3	0	0	7	3
50	-		_	3	-	-	manner of	-	0	0		0	0	0	9	1
60	0	0	2	1	U	0	4	3	0	0	7	1	0	0	'n	0
70	0	0	2	3	0	0	5	2	0	0	0	2	0	1	0	2
00	0	0	3	0	0	0	6	1	0	0	9.	2	0	1	2	1
90	-	0	3	2 0	0	-	-		-	0	11	3	0	ī	3.	2
100	0	0	4		0	0	7	3	0	1	11	2	0	2	7	2
200	0.	0	7	3	0.	1	3	3	0	2	11	2	0	3	11	1
-300	0	0	11	3	0	1	11	3	0	3	11	2	0	5		0
100 200 -300 400	0	1	3	3	0	2	7	2 2	0	4	11		0	6	3	3
100	0	I	7_	3	C	3	3		-	-	11		0	7	10	2
600	0	1	II	3	0	3	11	1	0	6	10		0	9		2
	0	2	3		0		7	1	0	7	10			0		1
800	0	2	7		0		3	- 1	0	8	10			I	-	0
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S 10	0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	
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9	0	0	1.	3	0	0	2	0	0	0	2	2	0	0	2	-
10	0	0	2	0	0	0	3	1	0	0	2	3	0	0	8	
1 20	O	0	4	0	0	0	4	3	6	0	8	2	0	0	6	- 1
30	0	0	6	0	0	0	7	0	0	C		I	0	0	9	100
49	0	0	8	0	0	. 0	9	2	9	0	11	0	0	L	0	-
50	0	0	10	0	0	0	11	3	0	.1	1	3	5	1	3	2
60	0	0	12	0	0	L	2	1	0	1	4	2	0	1	6	0.0
79 80	0	I	7	0	0	I	4	3	0	I	7	1	0	1	10	(
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90	0	1	5	3	0	1	9	-2	0	2	0	3	0	2	4	2
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200 300	0 0	3	3	2	0	3	11	1	0	4	7	1	0	5	3	-
400	0	4	6		0	7	10	c			10	3	0	7		
500	0	8	2	3	0	9	10	2	0	9	6	2	0	13	9	1
600	0	9	01	-	-	-	-	0	-	_	-	72	0	15	9	1
700		11	6	I	0	13	10			13	9	1	0	18		
800		12	1	0	0	13	9	3	0	18			1	1	4	44.6
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0	0	-0	2	0	0	0	2	0	0	0	3	0	0	1	1
0	0	0		0	O	0	3	0	0	1	2	0	0		1
0	O	1	0	0	0	1	1	0	0		1	1			2
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0	0	7	3	0	0	3	3	0	0		3	1			3
0	0	3	0	0	0	7	3	0	1	3	3	1			2
10	0	10	2	0	0	11	3	0	1			1			2
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C	11	10	0			1	3	1			2				3
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0	17	9	Q	0	19	3	3	I	19	5					c l
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60	2	0	0	0	2	8	0	0	2	16	0	0	3	4	0	-
60	2	6	8	0	2	16	0	0	3	5	4	0	3	14	8	-
80	2	13	4	0	3	4	0	0	3	14	8	0	4	5	4	
90	3	0	0	0	3	12	0	0	4	4	0	0	4	16	0	(
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50	3	0	0	0	3	6	8	0	3	13	-	0	4	0	0	C
60	3	12	0	0	4	0	0	0	4	8	0	0	4	16	0	C
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80	4	16	0	0	5	6	8	0	5	17	4	0	6	8	0	C
90	5	8	0	0	6	0	0	0	6	12	0	0	7_	4	0	C
100	6	0	0	0	6	13	4	0	7	6		0	8	0	0	C
200	12	0	0	0	13	6	8	0	15	13	4	0	16	0	0	C
300	18	0	0	0	20	0	0	0	23	0	0	0	24 32	0	0	0
300 400	24	0	0	C	20	13	4	0	30	6	8	0	40	0	0	0
500	30	0	0	0	30	6	8	0	37	13	4	_		-	-	-
700	36	0	0	0	34	0	0	C	45	0	0	0	48	0	0	0
700	42	0	0	0	40	13	4 8	0	52	6	8	0	56	0	0	0
800	48	0	0	.0	47	6		0	59	13	4	0	64	0	0	0
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The Construction and use of the foregoing Tables of Simple Interest.

I. Their Construction.

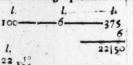
These Tables are here made only for the Rates of 6 l. 7 l. and 8 l. per Cent. per Annum for one Year, but they may be made for any other Rates of Interest by the Analogy or Proportion following, viz.

As 100 1.

Is in proportion to the Interest of 100 l. in a Year, viz. 61. So is any other Sum of Money, viz. 375 l.

To the Increase of that Sum in a Year.
Wherefore,

If you Multiply 375 l. by 6 l. the Product will be 2250, which livided by 100 l. giveth in the Quotient 22 l. and 3 of a Pound, which is equal to 10 s. So that 375 l. in a Year will yield at Simple Interdiging 10 s. As by the following Operation doth appear.



Thus for the Interest for a Year: But to find the Interest for an other time, more or less than a Year, the Double Rule of Proportion must be used. As thus,

As tool.

Is in proportion to 12 Months;

So is any other Sum of Money, in any other space of time, To the Interest of that Sum of Money in that time. Wherefore,

As 100 l. in 12 Mouths

So is 375 1. In 8 Months,

To 15 t. the Increase or Interest thereof in 8 Months. As by the following Arithmetical Work doth appear.

If 100 l. in 12 mon. gain 6 l. what 375 l. in 8 months?

12	mon gan o s.	6
100		2250
1200		18000
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1. Multiply 100 l. by 12 Months, it produceth 1200 for # Divisor.

2. Multiply 375 l. by the time 8 Months, it produceth 2250, and that Sum Multiply again by 6 l. the Interest of 100 l. in a Year, the Product will be 18000 for a Divisor.

So 18000 being divided by 1200, the Quotient will be 15 1. for the

Interest of 375 L in 8 Months.

and at

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viz.

for any

Rule of

II. The Use of these Tables, as they are here ready computed.

Queft. I. What is the Interest of 70 1. in 3 Months, at VI. per Cent.

hich Di. Look in the first Column of the Table towards the less hand for 70 l.

d, which magainst it (in the same line) under 3 Months, you shall find 11.15.0d oq.

latered had such is the loterest of 70 l. in 3 Months. And so for any other sam or Time. As

The laterest of
$$\begin{cases} 5 \\ 4 \\ 2 \\ 0 \end{cases}$$
 in $\begin{cases} 9 \\ 6 \\ 4 \\ 1 \end{cases}$ is $\begin{cases} 1 \\ 4 \\ 0 \end{cases}$ 0 0

These Questions serve for such Sums of Money as may be exactly fund in the Table. But for such as cannot be found all in one Sum, the these following.

west. II. What is the Interest of 294 1. 55. in 7 months, at VI. per Cent.

The laterest of
$$\begin{cases} 200 & 3 \\ 90 & 4 \\ 0 & 5 \end{cases}$$
 in 7 months is $\begin{cases} 7 & 0 & 0 & 0 \\ 3 & 3 & 0 & 0 \\ 0 & 2 & 9 & 2 \\ 0 & 0 & 1 & 3 \end{cases}$

In all-294 5 10 5 10 1 So that the Interest of 294 1. 5 s. in 7 Months will amount unto

Quest. III. What will the Interest of 733 l. 108. amount unto in

The Interest of
$$\begin{cases} 7^{\circ\circ} \\ 3^{\circ} \\ 3^{\circ} \\ 0 \end{cases}$$
 in 11 Months is $\begin{cases} 1 & s. & d. & q. \\ 3^{\circ} & 10^{\circ} \\ 0 & 3^{\circ} & 3^{\circ} \\ 0 & 0 & 5^{\circ} & 3 \end{cases}$
In all—40 6 9 1

to the laterest of 733 l. 10 s. in 11 Months will be 40 l. 6 s. 9 d. 14

But, if neither the Sum, nor the Time can be found at once in the Table, then work as in this following Example.

Queft. IV. What will the Interest of 1768 1. 155, amount unto in Ou Tear, o Months, and 20 Days, at VI. per Cent.

		In	one	Y	ear.	In	9 N	ont	hs.	I	0 20	Da	VS.
		1.	5.	d.	q.	1.	5.	d.	9.	1.	5.	d.	q.
(700	60	0	0	0	45	0	0	0	3	5	9	2
	700	42	0	0	0	31	10	0	0	I	0	8	2
The Interest of	60	3	12	. 0	O	1 2	14	0	. 0	0	3	11	1
1. 1. 10 1000	8	0	9	6	3	0	7	1	3	0	0	6	1
The Interest of	15 5.	10	0	10	0 -	10	0	8	0	0	0	0	1
In all-1768 L	155:	106	2	4	3	79	11	9	3	4	10	11	2

d. 5. 106 2 4 3 79 11 9 3 10 11 4

In all-190 5

So that the Interest of 1768 l. 15 s. in Fisteen Months, and 20 Days, will amount unto 190 l. 5 s. 2 d. 1 q. at VI. per Cent.

Again, If the Sum may be found at once, but not the Time; Asia this Example.

Queft. V. What will the Interest of 400 !. amount unto in one Ten, 9 Months, and 8 Days, at VI. per Cent.

In all-42 10 So the Interest of 400 l. in One Year, 9 Months, and 8 Days, will come to 42 1. 10 s. 9 d. 1 q. at VI. per Cent.

And the Interest of 600 i. in one Year and 9 Months, at VII. pr Cent. will amount unto 73 1. 10 s.

And at VIII. per Cent. unto 84 1.

As in the Examples underneath. VII. per Cent.) (The Intereft) r Year 1. s. d. q. of 4001. in 9 Months 142 0 0 06 148 0 £36 0 0 31 IO 0

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Rebate at VI. per Cent. For

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-5	0	4	11	2	0	4	11	1	0	4	11	0	0	4	10	3
10	0	9	11	I	0	9	10	2	0	9	10	0	0	9	9	2
= 15	0		.10	3	0	13	9	3	0	13	9	0	0	13	-	1
1	0	19	10	3	0	19	9	2	0	19	8	2	0	19	7	1
2	1	19	9	2	I	19	7	1	2	19	5	0	2	19	9	3
3	2	19		2	2	19	4	3	3	18	9	3	3	18	5	1
4	3	19	7	0	3	19	2	2	4	18	6	1	4	18	0	2
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	5	19	4	3	5	18	7	i	6	17	11	1	6	17	3	C
7 8	7	19	2	2	7	13	5	0	7	17	7	2	7	16	10	1.
9	8	19	I	ī	8	18	2	2	8	17	4	0	8	16	5	3
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30	29	17	Q	1	29	14	0	3	29	.11	1	2	29	8	2	3
40	39	16	0	I	39	12	I	O	139	8	2	1	39	4	3	3
50	49	15	0	I	49	10	I	1	49	5_	2	3	49	0.	4	3
60	59	14	0	1	59	8	1	2	59	2	3	1	58	16	5	3
70	09	13	0	2	69	6	1	3	68	19	3	3	68	8	6	2
80	79	12	0	2	79	4	2	0	78 88	16	4	1	88	4	8	2
90	89	11	0	2	89	2	2	1	1	13	4	3	98	0 .	9	2
100	99	10	0	2	99	C	2	2	98	10	5	1 2	196	I	6	3
20C			I	1	198	0	4	3	295	0	10	0	294	2	4	I
300		0	1	3	396	0	9	2	394	1	9	1	392	3	i	3
400 500			3	2	495	6	11	3	492	12	2	2	490	3	11	0
1600	-	-	-	2	594	1	2	-	591	2	8	0	585	4	8	2
1000	696		3	1	693	i	4	3	689	.13	I	1	686	5	5	3
1800	1		4	3	792	1	7	0	783	3	6	2	784	6	3	1
900			5	i	891	I	9	2	886	13	11	3	882	7	0	3
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Rebate at VI. per Cent. For

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500 600
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700 500
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Rebate at VI. per Cent. For

	1 91	Mon	ths.		10	Mo	nth	5.	-	Mo			A	Ye	ar.	
-	T.	5.	d.	9.	1.	s.	d.	9.	l.	S.	d.	9.	1.	s.	d.	9
5	0	4	9	1	0.	4.	9	0	0	4	8	3	0	4	8	-
10	0	9	6	3	0	9	6	1	0	9	5	3	0	9	5	
15	0	14	4_	0	0	14	3	1	0	14	2	2	0	14	1	-
1	0	19	1	3	0	19	0	2	0	18	11	2	0	18	10	
2	1	18	3	1	1	18	1	1	1	17	11	0	1	17	8	
3	2	17	5	0	2	17	1	3	2	16	10	2	2	16	7	1
4	3	16	6	3	3	16	2	1	3	15	10	0	3	15	5	
5	4	15	8	1	4	15	2	3	4	14	9	2	4	-	4	_
- 1	5	14	10	0	5	14	3	2	5	13	9	2	5	13	ī	-
7	6	13	11	0	7	13	4	2	7	11	8	0	7	10	11	
8	7	13	3	0	8	II	5	I	8	10	7	2	8	9	9	
9	-	11	_	_	9	15	_	3	9	9	7	0	9	8	8	-
10	9	2	4	3	19	0	5	2	18	19	í	3	18	17	4	
20	28	14	2	0	28	11	5	1	28	8	8	3	28	6	0	
30	38	5	6	2	38	i	10	3	37	18	3	2	37	14	8	:
40	47	16	II	1	47	12	4	2	47	7	10	2	47	3	4.	
60	57	8	4	0	57	2	10	1	56	17	5	1	56	12	1	-
70	66	19	8	2	66	13	4	0	66	7	0	1	66	0	9	
80	76	11	1	I	76	3	9	3	75	16	7	0	75	9	5	1
90	86	2	5	3	85	14	3	2	85	16	2	0	84_	18	1	
00	95	13	10	2	95	4	9	1	94	15	8	3	94	6	9	
100	191	7.	9	0	190	9	6	I	189	11	5	3	188	13	7	•
00	287	1	7	2	285	14	3	2	284	7	2	2	283	0	4	
loc .	382	15	6	0	380	19	0	2	379	18	8	0	377	7	2	
100	478	9	4	2	476	3_	9_	_3	473 568	-		-	506	0	_	-
600	574	3	3	0	571	8	6	3	663	14	5	0	660	7	9	
700	765	17	0	2 0	761	13	4	0	758	5	10	2	754	14	4	
500	861	4	10	2	857	2	10	I	853	1	7	1	849	I	ī	
900	956	18	9	0	952	7	7	2	947		4	1	943	7	11	
000	1,,0		,		7)-	.1	'	-	1	• /	7					
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The Use of this Table of Rebate, at VI. per Cent.

Question I. One is to pay 573 l. 105. at the expiration of Money, to be paid presently will discharge that Debt?

Look for the feveral Sums in the first Column, and the Sums which stand against them in the Column under to Months, will answer the Question. So

Against
$$\begin{cases} 1. & s. d. g. \\ 5 & 0. \\ 7 & 0. \end{cases}$$
 And $\begin{cases} 1. & s. d. g. \\ 3 & 0. \\ 476 & 3. \\ 66 & 13. 4. \\ 2. & 17. & 1. \\ 0. & 9. 6. \end{cases}$
Their Sum—546 3 9 3

And so much ready Money will discharge the above to faid Debt.

Question II. What Sum of Money will pay 1469 l. 4 500 counted for 7 Months?

And so much ready Money will discharge the Debt.

Rebate

10

1 2

Rebate at VIII. per Cent. For

	1.77	1 M	onth		1 :	Me	onth		1	M	onth		1 4	Me	onth	
-	1.	5.	d.	7.	1.	s.	d.	9.	ī.	3.	d.	9.	1.	s.	d.	9
5	0	0	0	1	0	0	0	3	0	0	1	0	0	0	1	2
10	0	0	0	2	0	0	1	2	0	O	2	1	0	0	3	C
15	0	0	1	0	0	0.	2	1	0	0	3	2	0	0	5	3
7	010	0	1	-	0	0	3	1	0	0	4	C	0	0	6	2
2	0	0	2	2	0	0	6	2	0	0	\$	0	0	1	1	C
3	0.	0	3	3	0	0	9	3	0	1	0	0	0	I	1	2
	0	0	5	0	0	1	i	0	0	1	4	0	0	2	2	C
4	0	0	6	1	0	I	4	1	0	1	8	. 0	0	2	8	2
6	-	_		-	0	1	7	2	0	2	0	0	D	3	3	C
	0	0.	7	2	0	1	10		0	2	4	0	0	3	9	2
7 8	0	0	10	3	0	2	2	3	0	2	8	o	0	4	4	C
- 1	0	0	11	1	0	2	5	1	0	3	0	0	0.	4	10	2
9	-	-		-	-	2	8	_	0	5	10	3	0	5	5	-
-1	0	1 2	4 8	0	0	5		2	0	7		2	0	10	10	C
~ 1	0		0	0	0	8	5	0.0	0	11	9	1	0	16	3	C
0	0	4		0	0	10	10	0	0	15	7	0	1	1	8	C
0	0	5	4 8	0	0	13	6	2	0	19	5	3	1	7	1	C
0 0	-	8	-	-	-	16		-	ī	3	4	2	ī	12	6	-
0	0	-	0	0	0		3	0	I	7	3	1	i	17	11	c
0	0	9	4	0	0	18	14.	2	1	11	2	c	2		4	C
v	0	10	8	0	1	1	8	0	I	15	0	3	2	3	9	0
0	-		0	0	1	4	4	2	1		2	2	2	14	2	-0
0	0	13	2	3	1	7	1	0	3	19	5	0		8	4	0
0	1	6	5	2	2	14	2	0	5	17	7	2	8	2	6	C
0	1	9	5	. 1	+	1	3	0	7	16	10	0	10	2 16	8	c
0	2	6	1	0	5	8	4	0	9	16	0	2	13	10	10	0
0	3	-	-	3	6	15	5		11	15	3	0	16	5	0	C
0	3	19	4	2	S	2	6	0	13	14	5	2	18	19	2	C
0	4	12	7	1	9	9	7	0	15	13	8	0	22	13	4	c
0	5	5	10	C	11	6	8	0	17	12	10	2	24	7	6	C
0	5	19	0	3	12	3	9	0	19	12	0	0	27	í	8	0
0	6	14	3	2	.13	0	10	0	.,	1						
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Rebate at VIII. per Cent. For

	5	Mo	onth	5.	6	Mo	nchs	. !	7	Mo	nths	. 1	8	Mo	onths.	1
	1.	5.	d.	9.	ι.	5.	d.	9.	I.	5.	d.	9.	1.	s.	d. 1	1
5	0	0	1	3	0	0	2	1	0	0	2	2	0	0	3	0
S 10	0	0	3	3	0	0	4	2	0	O	5	1	0	O		0 0
= 15	0	0	5	3	0	0	7	0	0	0.	7	3	0	0	9	0 = 1
1	0	0	7	1	0	0	9	. 1	0	0	10	2	0	1	I	0
2	0	1	2	2	0	1	6	2	0	1	9	2	0	2	2	0
3	0	1	9	3	0	2	3	3	0	3	7	0	0	3 4	-	0 5
Pounds	0	2	5	0	0	3	10	0	0	4	4 .	2	0	5	5	
Pounds	-	3	0		0	4	-	-2	0	5	3	0	0	6	6	o lo
. 0	0	3	7 2	2	0	5	7	3	0	6	i	2	0	7		
7 8	0	4	10	3	0	6	2	0	0	7	0	0	0		78	0
9	0	5	5	1	0	6	-11	1	0	7	10	2	0	9	9	0
10	0	6	0	2	0	7	8	2	0	8	9	0	0	10		0 1
. 20	0	12	1	0	0	15	5	0	0	17	6	0	I	I	8	0 12
30	0	18	1	2	0	3	1	2	I	6	3	0	1	12		3
0 40	1	4	2	0	1	10		0	1 2	3	9	0	2	3	4 2	0 0 4
70s of Pounds	1	. 10	-	2	1	18	6	2	2	12	6	-0	-	_	_	- 1 - 1
60	1	16	3	0	2	6	3	0	3	1	3	0	3	5	0	
7º 80	2 2	8	3 4	2	2	13	8	2	3	10	0	0	4	6	8	0 7 8
90	2	14	4	2	3	9	4	2	13	18	9	0	4	17		0 9
100	3	0	5	- 6	3	16		1	4	7	6	0	5	8	4	0 -10
T100	6	0	10	0	7	13	10	2	8	15		0.	10	16	8	0 520
300	19	I		0	11	10	1	. 3	13	2	.6	0	16	5	0	0 30
300	12	1	8	C	15	7	1 -	0	17	10		0	21	13		0 340
0500	15	2	1	0	19	4	0	1	21	17	6	0	27	1	5	- 050
-600	18	2	6	0	23	0	11	2	26	5	6	0	32	18		60
700 800	21	2	11	0	26	17		3	30	0	0	0	37	6	8	270
	24	3	4	0	30	14		0	39		6	. 0	48	15		0 290
. 900	27	3	9	0	34	8	8	2	43	15		0	54	3	4	90
1000	30	4	-	0	33	0	0	40	1	. 1			1			100
	1				· a .				1							1
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	1															1
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	1															1

Rebate at VIII. per Cent. For

_	1 0	Mo	onths		1	o M	onth	15.	1	ı M	onth	15.		AY	car.	
-	1	5.	d.	9.	1.	s.	d.	9.	I.	S.	d.	9.	1.	3.	d.	9.
-5	0	0	3	2	0	0	3	2	0	0	3	3	0	0	4	2
9 10	0	0	7	ī	0	0	7	0	0	0	7	2	0	0	9	2
15	0	0	10	2	0	0	10	2	0	0	11	. 1	0	1	2	1
-	0	I	1	2	0	I	2	2	0	1	3	3	0	I	5	I
2	0	2	3	0	0	2	5	0	0	2	7	2	0	2	10	2
3	0	3	4	2	0	3	7	2	0	3	11	1	0	4	3	3
7 4	0	4	6	0	0	4	10	0	0	5	3	0	0	5	9	C
5	0	5	7	2	O.	6	0	2	0	6	6	3	0	7	2	I
5 6	0	6	9	0	0	7	3	2	0	7	10	2	0	8	7	2
	0.	7	10	2	0	8	5	2	a	9	. 2	1	O.	10	0	3
7 8	0	9	0	c	0	9	8	0	0	10	6	0	0	11	6	C
9	0	10	1	2	0	10	10	2	0	11	9	3	0	12	11	1
10	0	11	3	3	0	12	1	0	0 .	13	1	3	0	14	10	3
20	1	2	7	2	1	4 .	2	0	1	6	3	0	1	9 4	8	2
30	1	13	11	1	1	16	3	0	1	19	4	2	2			. 1
40	2	5	3	0	2	8	4	0	2	12	6	0	2.	19	7	C
50	2	16	6	3	3	0	5	0	3	5	7	2	3	14	5	3
60	3	7	10	2	3	12	6	0	3	18	9	0	4	9	4	2
70	3	19	2	1	4	4	7	0	4	II	10	2	5	4	3	3
80	4	10	6	0	4	16	8	0	5	5	0	C	5	19	2	
90	5	1	9	3	5	8	9	0	5	18	1	_ 2	6	14	0	3
-100	5	16	1	0	6	0	10	0	6	11	2	0	7	8	I	1
200	11	12	2	C	12	I	8	C	13		4	0	14	16		
300	17	8	3	0	18	2	6	0	19		6	0	22	4	5	1
400	23	4	4	C	24	3	+	0	26		8	0	29	22	7	(
500	29	0	5.	0	30	4	2_	0	32	15	01	0	37	0		-3
600	34	16	6	0	36	5	0	0	39	7	0	0	44	8	10	2
700	40	12	7	o	42	5	10	0	45	12	2	C	51	17	0	1
800	46	8	8	0	48	6	8	0	52		4	0	59	5	2	(
900	52	4	9	C	54	7	6	U	159		6	0	66	13	3	-
1000	58	Q	10	C	60	8	4	c	65	11	8	0	74	1	5	
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The Use of this Table of Discount, or Rebate, at VIII. per Cent.

This and the former Table of Rebate (or Discount) do differ some thing in their Use: The former shewing what Ready Money with discharge any Sum forborn any Time; But this shews how much of the Sum to be forborn, must be deducted out of the Sam due; which lunfracted from thence, feaves the Sum to be paid: As in the Example following.

Queft. I. If \$00 !. be to be paid at the expiration of 9 months, how much thereof must be rebated, to pay the money presently?

Look in the first Column towards the lest hand for 800 1. and against ir, under 9 Months you shall find 45 1. 8 s. 8 d. and so much must be deducted out of the 800 l. and then there will remain 752 l. 11 s. 4d and so much must be paid presently to discharge the 800 l.

Quest. II. One is to pay 573 1. 105. at the expiration of 10 months; how much mil be rebated, to pay that Sum presently? at VIII. per Cent.

Look for the feveral Sums in the first Column, and the Sums which fland against them, in the Column under to Months, will resolve the Sueftion. So

In all 573 To be repared 34 12

Here it appears, that 34 l. 12 s. 11 d. 2 q. mult be deducted; and so the Sum presently to be paid will be 538 1. 17 s. 29

To be paid 538 -17

Queft. III. What Sum of money must be discounted to pay 14691 pit fently, not due till the expiration of 7 months?

Aniwer, 641. 55. 44. 29.

As by the Operation appears

Agsinft \\ \begin{pmatrix} 1000 \\ 400 \\ 60 \end{pmatrix} \quad \qqq \quad \q In all, 1469 To be rebited 64

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From

The SECOND PART:

SECT II.

CONTAINING

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TABLES

OF

Compound Interest:

For the Purchasing of Land, Leases, Annuities, Pensions in Possession or Reversion, &c.

ALSO,

Of Rebate or Discount of Money, &c.

all of them ready calculated to Four several Rates of Compound Interest, Viz. for 6, 8, 10, and 12 per Cent.

From 20 Shillings to 100 l. per Annum; And from One Year to 30 Years, and from thence by Tens of Years to 100 Years.

ly which Tables all Difficult Questions concerning Buying, Selling, Mortgaging of Land, Leases, Annuities, Rents, Pensions, &c. are Resolved by Inspection, without any Arithmetical Calculation, more than common Addition or Substraction.

Compound Interest at VI. per Cent. The Number of Pounds a Tear to be purchased.

	1	1			1	2		1		3				4		1
Years.	1.	5.	d	9.	l.	5.	d.	9.	1.	S.	d.	9.	1.	5.	d.	9
ī	0	18	10	1	1	17	8	2	2	16	6	3	3	15	5	0
2	1	16	8	0	3	13	4	0	5	10	0	0	7	6	8	0
3	2	13	5	2	5	6	11	0	8	0	4	2		13	10	0
4	3	9	3	3	6	18	7	2	10	7	11	I	13	17	3	O
5	4	4	3	0	8	8	6	0	12	12	9	0	16	17	0.	0
6	4	18	4	1	9	16	8	2	14	15	0	3	19		5	0
	5	11	7	3	11	3	3	2	16	14	11	1	22	6	7	0
7 8	6	4	2	1	12	8	4	2		12	6	3		13	9	0
9	6	16		1	13	12	0	2	22.0	8	0	3	27	4	1	,0
10	7	7	2	2	14	14	5	0	22	1	7	2	29	8	01	0
- 11	7	17	8	3	15	15	5	2	23	13	2	1	31	10	11	c
The 12	8	7	8	0	16	15	4	0	25		0	0	33	10	8	0
	8	17	0	2	17	14	1	0	26	11	1 .	2	35	8	2	0
5 14	9	5	11	0	18	11	10	C	27	17	9	C	37	3	8	o
Number of	9	14	3	0	19	8	6	0	29	2	9	0	38	17	0	0
16	10	2	1	2	20	4	3	0	30	6	4	2	40	5	6	0
17	10	9	6	2	20	19	1	0	31	8	7	2	41	18	2	C
× 18	10	16	6	2	21	13	1.	0	32	9	7	2	43	6	2	C
Y 18	11	3	2	O	22	6.	4	0	33	9	6	0	44	1.2	8	0
8 20	11	9	5	0	22	18	10	0	34	8	3	0	45	17	8	0
8 20 21	11	15	3	2	23	10	7	. 0	35	5	10	2	47	9	2	0
P 22	12	0	10	o	24		8	0	36	2	6	0	48	3	4	, 0
23	12	6	0	3	24	12	1	2	36	18	2	1	49	4	3	0
Purchafed	12		0	0	25	2	0	0	37	13	0	0	50		0	C
2 25	12	15	8	0	125	11	4	0	38	7	0	0	51	2	8	C
26	13	0	0	3	26		1	2	39	0	2	1	52	0	3	0
27	13		2	2	26		5	0	39	12	7	2	52	16		C
28	13	1000	1	2	1:6		-	0	40	4	4	2	53			0
29	13		9	3	27		7	2	40	15	.5	1	54		3	C
30	13	-		2	27	-	7	0	41	5	10	2	55		2	0
40	15	0	8	- 1	30		4	2	145		0	3	60		9	. 0
.50	15		. 6	2	31		1	· c	147		7	2	62			0
60	16		1	1	32		2	2	48		3	3	64			C
70	16		7	3	32		-	2	49		11	1	65			. 0
80	16	-		_2	33	-	7	0	149			2	66		2	
90	16		7	1	33		2	2	49			3	66		-5	. 0
100	110	5 12	4	0	3:	3 4	8	C	49	17	0	0	166	9	4	
	1				1				1							
	1				1				1							
	1				1				1 .				1			1

The Number of Years to be Purchased.

Compound Interest at VI. per Cent. The Number of Pounds a Tear to be Purchased.

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	-	5	j.	_	-	10		_	-	20		_	1-	30	_	
Years.	1.	5.	d.	9.	1.	3.	d.	9.	1.	S.	d.	9	1.	s.	d.	9
-1	4	14	3	I	9	8	6	2	81	17	1	0	28	5	7	-
2	9	3	4	0	18	6	8	0	36	13	4	0	55	0	0	(
3	13	7	3	2	26	14	7	0	53	9	2	0	80	3	9	(
4	17	6	6	3	34	13	1	2	69	6	3	0	103	19		
5	21	I	3	0	42	2	6	0	84	5	0	0	126	7	6	(
6	24	11	9	1	49	3	6	2	98	7	1	0	147	10	7	-
. 7	27	18	2	3	55	16	5	2	111	12	11	0	167	9	4	-
	31	0	11	1	62	1	10	2	124	3	9	0	186	5	7	:
9	34	0	1	1	68	0	2	2	136	0	5	0	204	_	7	2
10	36	16	0	2	73	12	1	0	147	4	2	0	220	16	3	(
411	39	8	7	3	78	17	2	2	157	14	5	0	236	11	7	1
11 12	41	18	4	0	83	16	3	0	167	13	4	0	251	10	0	(
7. 13	44	5	2	2	88	10	5	0	177	0	10	0	265	11	3	•
7. 13	46	9	7	0	.92	19	2	0	185	18	4	0	278	17	6	
15	48	11	3	0	97	2	6	0	194	5	0	0	291	7	6	•
16	50	10	7	. 2	101	I	2	0	202	2	4	0	303	3	6	(
1.4	52	7	8	2	104	15	5	0	209	10	10	0	314	6	3	
18	54	2	8	2	108	5	5	0	216	10	10	0	324	16	3	•
	55	15	10	0	111	11	8	0	223	3	4	0	334	15	0	
20	57	7	1	0	114	.14	2	0	229	8	4	0	344	2	6	C
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-	63	18	4	0	127	16	8	0	255	13	4	0	-	10	0	C
26	65	0	3	3	130	0	7	2	260	1	3	0	390	1	10	2
27	66	1	0	2	132	2	1	0	264	4	2	0	396	6	3	C
28	67	0	7	2	134	1	3	0	268	2	6	0	402	3	9	0
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Compound Interest at VI. per Cent.

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73 1-6 138 168 196 223 248 272 294 315 335	6 18 12 10 14 5 7 0 8	4 6 0. 2 10 6 10	000000	91 133 173 210 245 279	12 5 12	7 6	200	267 346 421	5	3	
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Quest. 1. What is an Annuity, Rent, or Pension of Three Pound a Year for Ten Years to come, worth in ready money?

Find 10 (the number of Years to be Purchased) in the first Column of the Table towards your lest hand (under the word Years.) Then look along that line, till you come under the figure 3 (which is the Annual Rent to be Purchased) and against 10, and under 3, you fall find 22 l. 15. 7 d. 2 q. and so much is a Lease or Annuity of 3 l. In Annum for 10 Years to come, worth in present Money.

Quest. 2. What is a Lease or Annuity of 40 l. a Year, for 21 Years to come, worth in ready Money?

Flod 21 Years in the first Column of the Table under the Title Years, I then look along that line, till you come under 40, at the top of the Table, and there you shall find 470 l. 115.8 d. And so much is 40 l. 1 Year for 21 Years, worth in present Money.

Quest. 3. What is an Annuity of 1001. a Tear for 7 Years, worth in ready Money?

L Ook for 7 Years in the first Column, and right against it under 100 you shall find 558 1 45 7 d And so much is 100 1 a Year worth for 7 Years.

Quest. 4. What is a Lease of 201. a Year, there being 24 Years to come, worth in present Money?

Find 24 Years in the first Column, and right against it under 20, you shall find 251 l. o. o. o. And so much it is worth presently.

Thus eafily by this Table you may find that

	1.		Year	3.	1.	S.	d.	q.	
	17		[7]	2	5	11	7	3	
	2		9	2	13	12	0	2	
	3		20	Mo	34	8	0	3	
	4		16	2	40	8	6	0	
An Annuity , Rent,	5	Pound a	13	5	44	5	2	2	
Penfion, or other	10	Year, and	115	> 2 4	97	2	6	0	
Income of	20	to continue	111	-	157	14	5	0	
	30		1 16	F	303	3	6	0	
	40		23	5	492	2	6	0	
	50		8	3	310	9	4	2	
	Ico		L 5	S	421	5	0	0	

Quest. 5. What is a Lease or Annuity of 71. a Year, to continue 30 Years, worth presently?

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Quest 6. What is an Annuity of 91. a Year, to continue

If the Annuity had been 8 t a Year, take 4 t. twice- If 6 t. take

And thus by common Addition, which every man knows how to perform, may be refolved any Question of this nature by help of the Table: As by Questions following will appear.

Quest. 7. What is an Annuity or Rent of 291 l. a Year, to continue 21 Years, worth presently?

1. 3. d. q.
100
100
100
100
100
100
100
100
100
1176
920
588
470
470
1180
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By the work you may see that 291 l. a Year, to continue 21 years, is worth 3423l. 95. 10d. 29.

Quest. 8. A. bath a Lease for 9 Years to some, which brings him in clear 30 l. a Year. B. bath a Lease for 21 Years, which yields him Yearly 20 l. clear; Which of these Leases is worth most?

L Ook in the Table, and you shall find that A. his Lease of 30 l a Year for 5 Years is worth 204 l. 05. 7 d. 2 q. — Also you may find that B. his Lease of 20 l. a Year for 21 Years, is worth 235 l. 55. 10 d. Substract the lesser Sum from the greater; namely, 204 l. 05. 7 d. 2 q. from 235 l. 55. 10 d. the remainder or difference will be 31 l. 55. 2 d. 2 q. And so much is B. his Lease more worth than that of A.

Quest. 9. A Person bath 2001. lying by him, with which he would willingly Purchase a Lease or Annuity of 201. a Year, and make 61. in the 1001 profit for his Money; For how many Years may be Purchase such an Annuity?

Look in that Column of the Table which hath 20 at the head there of, and look down that Column till you find 200 l. or the nearest Sum thereto, and the number of Years in the first Column, which stands against that Sum, shall be the number of Years that Sum will surchase.

Thus, if you look in the Table under 20 for 200, you cannot find exactly that Sum, but the nearest less Sum is 1941. 53. against which Sum in the first Column of the Table there stands 15 Years, and for 6 many Years will 1941. 53. Purchase 201. a Year; so that the Purchaser may reserve 51. 153. of his 2001.

Also in the Table the nearest Sum greater than 200 l. is 202 l. 24 4 d. against which Sam there stands 16 Years; so that if the Purchast will add 27 25 4 d. to his 200 l. it will then Purchase him 201 a

Year for 15 Years.

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Quest. 10. One having a Lease which brings him in Yearly 751. the Landlord desires of his Tenant fo much Money beforehand as will countervalue 5 Years Rent , for which he will allow him after the Rate of 61. in the 1001. Compound Interest: What Sum of Money must bis Tenant lend bim?

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By the Table \$50 for 5 Years is worth (210 The Sum 15-315

So that the Tenant may supply his Landlord with 315 1. 18 s. 9 d. adhave 6 l. per cent. per annum, profit for his Money.

A Tenant bath a Lease of a House for 30 Years, Queft. II. for the first 10 Years be is to pay 15 l. a Year, and for the remaining 20 Years be is to pay 201. a Year: What is this Leafe worth in ready Money ?

areft 170 U may find by the Table that 20 1. a Year for 30 Years, is worth ands Y 2751. 55. 10 d. Now because 51. a Year is to be abated for refirst 10 Years; find what 5 !. a Year is worth for 10 Years, which which being substracted from 151. 5 s. 10 d. leaves 238 l. 9 s. 9 d. 2 q. for the present worth of hich at Leafe.

heft. 12. If a Lease of 301. a Year and 1001. Fine, be to be Lett for 21 Years : What Fine must be given to bring the Rent down to 10 l. a Year?

THE difference between the Rent demanded (namely, 30 1.) and the Rent defired (viz. 101.) is 201. find therefore by the Table that 20 1. a Year for 21 Years is worth, which is 235 1 55. 10 d. to which add 100 1. the Fine demanded, and the Sum will be 335 1. 55. od and such fine must be paid to bring the Rent down to 101. a Year.

Queft.

Quest. 13. There is demanded for a Lease of 21 Years, 10!.

a Year and 335!. 5.5. 10 d. Fine; the Tenant is willing to give 100!. Fine, and an increase of Rent proportionable to the abatement of the Fine; What Rent must the Tenant pay?

THE Fine demanded is 335 l. 5s. 10 d. and the Fine offered is 100 l. the difference is 235 l. 5s. 10 d.— Look in the Table for 21 Years (the term of the Leafe) in the first Column of the Table, then casting your Eye along that line till you find 235 l. 5s. 10 d. (or the nearest Sum thereto) which you shall find to stand under 20 l. 2 Year, which shews that he must advance 20 l. a Year in his Rent, which shows that he must advance 20 l. a Year in his Rent, which shows that he must advance 20 l. a Year in his Rent, when the Fine 335 l. to 100 l. and so for his Lease of 21 Years he must pay 30 l. a Year, and 100 l. Fine.

Quest. 14. What is a Lease of 91. a Year, for 12 Years, to begin 6 Years bence, worth in present Money?

A D D to the 12 Years, the 6 Years, and they make 18 Years, and you shall find it to be worth 97 l. 8 s. 10 d. 2 q. Also find what 9 l. a Year for 6 Years, to commence presently, is worth, which you will find to be 44 l. 5 s. 2 d. 1 q. which being substracted from 97 l. 8 s. 10 d. 2 q. leaves 53 l. 3 s. 8 d. 1 q. for the worth of 9 l. a Year for 12 Years, after 6 Years yet to come.

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And

Here follow Four Tables, serving to the same Uses as the foregoing;

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And are to be used the same way, but they are calculated to other Rates of Interest, Viz.

To Seven Eight Pound per Cent. per Annum, Compound Interest.

And some other Uses of them added.

Purchase of Annuities at VII. per Cent.
The Number of Pounds a Tear to be Purchased.

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	2	12	6		5	0	7	1.7		13	11	0
4	13	7	9	6	15	. 6	10	3	3	13	8	0
4 5 6	4	12	0	9	. 41	0	13		0	19	I	- 1
6	4	15	4	9	- 10	. 0	14	6	0	21	11	4
7	5	7	9	10	15	6	16	3	3	23	17	8
7.	5	.19	5	11	18	10	13	0	3	26	1	
	6	10	4	13	0	8	19	11	6	28	2	4
10	7	C	6	14	1	0	21			30	0	-0
11	7	10	0	15	C	0	22	16	0	31	15	
12 13 14 15 16	7	18	10	15	.17	8	23		6	33	8	5
13	3	.7-	.2	16	14	4	25	1	6	34	19	
14	8	14	11	17	9	10	26	4	9	36	8	50 60
15	9	2	2	13	4.	4	27		-	37	15	-8
15	9.	0	11	13	- 17	10	25	6	9	3/	1	c
17	9	15	. 3	19	10	6	29	5	.9	39	1	8
18	10-	1	2	20	2	4:	30		6	40	4	5
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20	10.	11	11	21	3	10	31	15	_9	43	6	-8
21	10	16	8	21-	13	1	32	10	0	44		0
22	11	1	3	22	2	6	33	30	9	45	5	8
23	11	5	5	22	10	10	33	16	3	45	17	8
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26	11	16	6	23	13	0	35	9 18	6	47	18	0
27	11	19	. 6	23	19	C	35	8	6	48	11	0
27	12	2	9	24	5	.6	36		3	49	2	- 1 8
29	12	5	7	24	11	2	36	16	9	49	12	4 5
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Purchase of Annuities at VII. per Cent.

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5 23	0	0	45	0	. 0	92	0	0	1,3	.0	(
6 23	16	8	47	12	4	96	4	8	143	17	0
7 26	18-	9	53	17	6	108	15	0	162	12	. 6
8 29	17	1	59	14	2	120	8	4	179	2	6
9 32	11	8	66	3	.4	132	6	8	198	10	0
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11 37	10	0	76	0.	0	152	16	8	225	5	0
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19 50	13	4	102	6	8	211	18	1	321	17	6
2	19	7	106	19	2	216	13	en 4	-	0	
7 114	3	4	103	Ó.	5	222	5	4	325	17	6
7 22 55	6	3	110	12	6	226	Ś	4	339	2	6
23 56	7	10	112	1.4	2	230	8		345	2	6
2 /	7	4	114	1+	2	234	1	8	350	12	6
25 58	_5_	_5	116	10	10	236	10	4	354	15	4
199	2	6	118	5	.0	2.12	10	0	363	5	0
28 60	17	6	120	15	6	2+4	15	o°	367	2	6
29 61	7	9	122	7	10	246	11	5	369	6	6
30 62	0	10	124	1	8	248	3	4	372	5	0
40 66			P-may and a second		-	265	11	5	402	16	6
50 68	18	11	134	5	10.	278	13	4	417	10	0
60 70	3	4	138	7	6	280	1.5	0	421	2	6
70 70	15	10	141	11	8	202	3 .	4	425	15	. 0
80 71	2	1	142	4	2	254	S	.4	4:6	12	6
90 71	5	5	142	10	10	255	1	- 5	427	12	6
100 71	7	ı	142	14	2	185	8	+	428	2	6
			.4-	- 1				14	11/2		
								-	13.0		
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Purchase of Annuities at VII. per Cent. The Number of Pounds a Tear to be Purchased.

1		40.			50.			100.	
	1.	5.	d.	1.	5.	d.	l.	5.	á.
1	38	6.	8	47	13	4	95	6	8
2	56	6	8	70	7	4	140	.14	8
	106	0	0	132	5	0	264	10	0
4	130	10	0	172	7	6	344	15	0
3 4 5 6 7 8	184	0	0	230	0	0	460	0	0
6	192	9	4	240	1	8	450	3	4
7	218	10	0	272	7	6	544	15	0
. 8	240	16	8	300	10	10	601	1	. 8
9	264	13	4	330	16	8	662	12	4
10	282	0	0	352	5	.0	704	10	0
III	304	0	0	300	0	0	760	0	.0
7 12	322	13	4	403	1	8	806	3	4
2 13	340	6	8	424	18	4	850	16	8
13 14 15 16	354	16	8	443	8	10	856	11	8
₹ 15	368	6	8.	460	8	4	920	16	_
16	378	16	8	473	5	10	946	11	ď
	396	10	0	495	. 2		990	5	0
18	402	6	8	502	.13	4	1006		8
Vers to be Durchafed	410	6	8	512	13	4.	1026	6	8
5 20	430	16	-8	537	15	10	1076	11	_0
21	434	6	8	542	13.	4	1086	6	8
9 22	414	10	0	555	2	6	1110	5	8
23	452	16	8	565	10	10	1132	1	8
24	460	16	8	575	10	10	1152	8	0
25	468	3	4	584	14	2	1170		4
26	474	0	8	592	5	8	1154	11	4
27	484	0	0	604	15	0	1210	10	0
28	490	10	0 .	612	17	6	1226	15	
29	494	3	4	616	19	2	1234		4
39	496	6	8	620	8	4	-		_
40.	538	3	4	672	9	2	1344	13	4
.50	558	6	8	697	3	4	1394	6	C
60	562	10	0	702	17	6	1406	15	
70	564	6	8:	709	17	8	1420	1)	8
80	568	16	8	711	0	10	1426	8	
90	570	3.	8	712	14	10	1430	1	4 8
100	571	16	- 7	714 .	10	- 10	1 430		

The Number of Years to be Purchased. 223 4566 778 89

At VIII. Pounds per Cent.

The Number of Pounds a Tear to be Purchafed.

_	1	The N	Amot	7 05	2.	-	lar to	3.		1	4.	
-	1.	5.	a.	1.	. 5.	d.	1.	5.	d.	1.	S.	d.
1	1	18		I	17	0	1. 2 5 7 9	15	6	3 7 10	14	0
2	0	18 15	8	2	11	4	15	7 14 18	0	17	6	8
2	2	11	6	5	3	4	17	14	6	10	6	0
1		6	2	3 5 6	12	6	9	18	9	13	5	0
5	2	19	10	7	19	8	11	19	6	13	19	4
3 4 5 6 7 8 9	3 4 5 5 6	12	6 8 6 3 10 5 1	7 9	4	8	13	17.	6	18	9	4 8 8 8
7	3	4	í	10	8	2	15	17.	3	20	16	4
8	Ś	4	11	11	9 9 8	10	17	4	9	22	19	8
9	6	4	11	12	9	10	18	14	9	24	19	8
10	6 7 7 8 8 8	4	11 11 2	13	8	4 6 4 2 8	20	4 14 2	6	26	16	
. 11	7	2 10 18	9	14	16	6	21	8	3	28	11	8
7 12	7	10	9	15	I	4	22	12	0	30	12	
7 13	7	18	1	15	16	2	23	14	3	31	12	4 4 8
Z 13	8	4	10	16	9		24	14	6	32	19	4
7 15	8	11		17		4	25	13	6	34	4	8
15/16 17 18		17	0	17	14	O	26	7 1 16	0	35 36	8 9 9 8	,0
7 17	9	7 12		18	4	10	27 28	7	3	36	9	8
× 18	9	7	5 5 1	18	14	2 8	28	1	3	37 38	9	8
19	9	12	1	19	4	2	28	16	3	38	8	4
19 3 20 7 21	9	16	4	19		8	29	9 1 12 2 11	0	39	5	08844408
The Number of Years to be Purchafed	10	0	4	20	8	8	30	1	0	40	1	4
7 22	10	0 4 7	0	20	8	0	30	12	0	40	16	0
F 23	10	7	5	20	14	10	31	2	3	41	9	0
7 24	10	10	7	21	1	2	31	11	9	42	9 2 14	4
2 25	10	13	6	21	7	6	32	0	6	42	14	
26	10	16	3	21	12	6	32	8 16 3 9	9	43	4	C
27 28	10	18	9	21	17	6	32	16	3	43	15	0
28	11	1	2	22	6	4	33	3	0	44	4	0
29	11	3	2	22	0	- 4	33	9	6	44	0	8
30	11	5	2	22	10	4	33_	15	6	45		-
40	11	18	6	23	17		35	15	6	47 48	14	8
50	12	4	8	24	9	4	36	13	0	48	10	
60	12	4 7 8	6	24	15	4 0 8	37 37	2	6	49	10	0
7º 8º	12	8	10	24	17		37	15 13 2 6 8	6	49	18	4
80	12	9	6	24	19	. 0	37	8		49	19	0
90	12	9	9	24	19	6	37	9	7	49	19	6
100	12	9	11	24	19	10	37	9	9	49	.7	0
						19	1					4
-										7 1		
				17					1.1			
	1		. 1	•					-	•		

At VIII. Pounds per Cent.

The Number of Pounds a Tear to be purchased.

	1	5.		N. A.	10.			20.	_		30.	
	1.	3.	d.	1.	5.	d.	1.	5.	d.	l.	5.	d.
1	4	12	6	9	5	0	18	10	0	27	15	C
2	8	18	4	17	16	8	35	13	4	53	10	.0
3	10	17	6	2.5	15	· c	51	10	0	77	5	C
- 4	16	11	3	33	2	6	66	5	0	99	7	6
5	19	19	2.	39.	18	8	79	16	8	119	15	C
6	23	2	. 1	46	4	2	92	Ø	4	138	12	6
7 8	26	0	5	52	0	10	104	1	8	156	2	6
8	28	14	.7	57	9	2	114	18	4	172	7	6
9	31	4	7	62	9	2	124	18	4	187	7	6
.10	33	10	10	67_	1	8	134	3	4	201	5	0
11	35	13	9	71	7	6	142	15	C	214	2	6
1 12	37	13	4	75	6	8	150	13	4	226	2	6
	39	10	5	79	0	10	158	1	8	237	5	. (
N 14 15 16 17	41	4	2	82	8	. 8	164	16	8	247	15	
15	42	15.	10	85	11		171	3	4	265	10	-
16	44	5	0	53	10	0	177	0	0	273	12	6
17	45	12	1	91	4	2	182	8	4	280	16	6
18	146	17	1	93	12	2	187	4	4	258	2	- 6
19	48	0	5	96	0	10	192	6	8	294	10	
Years to be Purchased	49	1	8	98	3	4	196	-		300	10	-
5 21	50	1	8	100	3	4	200	6	8	306	.0	
7 22	51	0	0	103	0	0	2-4	8	0	311	2	6
2 23	51	17	1	103	14	2	207	11	4	315	17	6
24	152	12	11	105	5	10	210	10.	0	350	5	0
25	53	. 7	6	106	15	-0	213		-	324		-
	54	1	3	108	2	6	216	5	0	323	2	6
27	54	. 13	9	109	7	6	218	15	0	331	10	0
28	55	5	0	011	10	8	221	3	4	334	15	
29	.55	15	10	111	11	8	225	3	4	337	15	
30	56	5	10	- mentione	-	****	-		0	357	15	7
40	,59	12	6	119	5	0	236	13		367	0	
50	61	3	4	122		8	244	-10	4	371	5	(
60	61	17	6	1:23	15	0	247	16	-8	373	5	. (
70	63	4	2	624	8	. 4	248	10	0	374	5	
80	62	8	6	124	17	6	249	15	0	374	12	6
90	62		9	124	19	2	249	13	4	374	17	6
100	62	9	7	124	.,	-	249	10	4	1	4 4	
	1					-	0					
	1			1						1		
	1			1						-		

The Number of Years to be Purchased.

At VIII. Pounds per Cent.

The Number of Pounds a Tear to be Purchafed.

		10.	- 1		50.	-	. 1	00.	
	1.	5.	d.	1.	S.	a.	L.	5.	d.
	37	0	0	46	5	0	92	10	0
2	71	6	8	89	3	4	178	6	8
3	103	0	0	128	3	0	257	10	0
4	132	10	0	165	12	6	331	5	0
3 4 5 6 7 8	159	13	4	199	11	8	399		4
6	184	16	8	231	0	10	462	1	8
7	208	3		260	4	2	520	8	4
. 8	229	3	8	257	5	10	574	11	0
9	- 249	16	8	312	5	10	624	11	8
10	268	6	8	335	_	4	670		-0
411	284	10	0	356		6	713	15	4888
7 12	301	6	8	376	13	4	753	8	0
Z. 13	319	3	4 4 8	395	4	8	790		4
14	329	13	4	412	1		855	3	8
Number of	342	6	8.	427	18	4	0))	_	4 4 8 0 8 8
0 16	354	6	8	442	10	0	885	0	9
	364.	16	8	456	0	10	912	i	8
	374	8		465	0	10	960	8	4
2 19	384	3	4	430	4	8	981	13	4
6 20	392	. 13	4	490		8	1001	13	4 0 8
8 21	400	13	4	. 500	16		1020	0	0
P 22	408	0	0	510	0	10	1037	1	8
<u>23</u>	414	16	3	526	9	2	1052	18	4
Purchafed 25	421	3	4	533	15	0.	1067	10	c
	427				12	6	1001	5	-
26	432	10	C	540	17	6	1093	5	c
27 28	437	10	0	552	10	0	1105	0	
29	442	6	8	557	18	4	1115	16	8
29	446	6	8	562	18	4	1125	16	
30				596	5	. 0	1192	10	-
50	477 489	6	S	611	13	4	1223	6	8
60	495	0	0	618	15	. 0	1237	10	(
70	497	13	4	622	1	S	1244	3	4
80	499	0	0	623	15	0	1247	10	(
90	499	10	0	624	7	6	1248	15	(
ICC	499	16	8	621	7	10	1249	11	(
	1			1					
1	1						1	seri	
1 1911	1			1 .			1		

At X. Pounds per Cent.
The Number of Pounds a Tear to be purchased.

	1_	1.		1-	2.			3.		-	4.	
	1.	5.	d.	1.	5.	d.	1.	5.	d.	l.	S.	4.
1	0	18	2	1 :	16	4	2	14	6	3	18	8
2 3	1	14	8	3	9	4	5	4	0		18	8
3	12	9	8	4	19	4 8	7	9	0	9		8
4	3	3	4		6		9	10	0	15	13	4
45 6 78	3_		9	3	11	6	11	7	_3	** Think you	3	0
. 6	4	7			14	2	13	1	. 3	17		4
7	4	17	4 8	9	14	8	14	12	0	19	9	4
0	5	6	2	11	13	4		0	6	23	0	8
9	6	2	10	12	5	4 8	17	8	6	24	11	1
7.	6		9	12		6	19			25	19	4 0
12	6	9 16	- 3	13	19	6	20	9	3	27		0
13	7	2	0	14	4	0	21	6	0	28	8	0
14	7	7	4	14	14	8	22	2	0	29	9	
15	7	12	1	15	4	2	22	16		30		4 4 8
16		16	5	15	12	10	23		3	31	5	. 8
17	7 8	C	5	16	9	10	24	9	3	32	1	8
18	8	4	0	16		0.0	24	12	0	32	16	0
19	8	7	3.	16	14	6	25 25	-1	9	33	9	0
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	8	- 10	3	17	0	6		10	9	34	-	8
21	8	12	11	17	5	10	25	18	9	34	11	8
22	8	15	5	17	10	10	26	6	3	35	1	
23	8	17	7	17	15	2	26	12	9	35	18	4 8
24		1)	81	18	19	4.	26	, 19	0	36	6	0
26	9_	1	6	12	3	. 0	27	4	6	36	12	8
	9	3	8	13	9.	4	27 27	9		36	18	8
27 28	9	4	1	13	12	4 2	27	15	3	37	4	4
29	9		4	13	14	8	25	2	0	37	9	4
30	9	7	6	18	17	0	27 28 28	5		37	14	0
30	9		7	19	11	2	29	6	6	39	2	4
50	9	13	4	19	16	- 8	29	15	0	39	. 13	4
60	9	19	4	19	13	8	29	15	. 0	39	17	4
70	9	19	9	19	19	6	29	19	3	39	18	0
80	9	19	10	19	19	8	29	19	9	39	19	8
90	9	19	11	19	19	10	29	.19	10	39	19	10
100	10	. 0	Ó	20	0	0	30	0	0	40	0	0
											~	
										7		
				1								

At X. Pounds per Cent.
The Number of Pounds a Year to be purchased.

_	-	5.		1	10.	-	111	20.			30.	
-	1.	- s.	4	1.	5.	a.	1.	5.	d.	1.	5.	d.
-	4	10	10	9	I	8	15	3	4	27	5	0
2	8	13	4	17	6	8	34	13	4	52	0	0
3	12	8	4	24	16	8	49	13	4	74	10	0
	15	16	8	31	13	4	63	6	8	95	0	0
5	18	13	9	37	17	6	75	15	0	113	12	6
4 5 6	21	15	5	43	10	10	87	1	8	130	12	0
	24	6	9	48	13	4	97	6	8	146	0	0
7	26	13	4	53	6	8	106	13	4	160	0	0
9	28	15	10	57	11	.8	115	3	4	172	15	0
10	30	14	_ 2	61	8	4	122	16	8	184	5	0
īī	32	8	9	64	17	6	129	15	0	194	12	6
	34	1	3	68	2	6	136	5	0	204	7	6
13	35	10	0	71	0	0	142	0	0	213	0	0
Z.14	36	16	8	73	13	4	147	6	8	221	0	0
Number of	38	0	5	76	0	10	152	.1	. 8	228	2	6
7.16	39	2	1	78	4	2	156	8	4	234	12	6
0 17	40	2	I	80	4	2	160	8	4	240	12	6
	41	0	0	82	0	0	164	0	0	246	0	0
19	41	16	3	83	12	6	167	5	0	250	17	6
19 20 21	42	11	3	85	2	6	170	5	0	255	7	6
8 21	42	14	7	86	9	2	172	18	4	259	7	6
22	43	17	1	87	14	2	175	8	4	263	2	6
23	44	7	11	88	15	10	177	11	8	266	7	6
24	44	13	4	89	16	8	179	13	4	269	10	0
22 23 24 25/26 be Purchased	45	7_	6	90	15	0		-	-	-	5	0
	45	15	10	91	11	8	183	3.	4	274	15	0
27	46	. 3	4	92	6	8.	184	13	8	277	2	6
28	46	10	5	93	0	10	186	6	8	279	0	0
29	46	16	8	93	13	4	188	10	0	282	15	0
30	47	2	6	94	5	0	termina.	11	8	293	7	-6
40	48	17	11	97	15	10	195	6	3	297	10	0
50	49	11	8	99	3	4	198	6	8	299	0	0
70	49	16	8	99	13	4	199	15	0	299	12	6
80	49	18	9	99	17	6	199	18	4	299	17	6
90	49	19	7	99	19	6	199	19	C	299	18	6
100	49	19	9	99	19	0	200	0	0	300	0	0
	10		0	100	0							
1							1.					
							18-11-					

At X. Pounds per Cent.
The Number of Pounds a Year to be purchased.

1. s. d. 45 8 4 86 13 4	1. 1. d. 90 16 8
	00 16 6
	173 6 8
124 3 4	248 6 8
158 6 8	316 13 4
189 7 6	378 15 0
217 14 2	435 8 4 486 13 4
243 6 8	435 8 4 486 13 4 533 6 8 575 16 8
	533 6 8
287 18 4	
307. 1 8	614 3 4
324 7 0	648 15 0
	681 5 0
355 0 0	710 0 0
268 6 8	
380 4 . 2	736 13 4 760 8 4 752 1 2 862 1 8
	752 1 2 8c2 1 8
401 0 10	802 1 8
410 0 0	820 0 0
418 2 6	836 5 0
425 12 6	851 5 0
432 5 10	864 11 8
438 10 10	877 1 8
444 19 2	889 18 4
449 3 4	
453 15 0	907 10 0
CATALOG AND THE PERSON NAMED IN COLUMN 2 I	915 16 3
461 13 4	923 6 8
465 4 2	930 8 4
468 6 18	936 13 4
471 5 0	942 10 0
488 19 2	977 18 4
495 16 8	991 13 4
498 6 8	595 13 4
	998 15 0
499 15 10	777
	999 15 0
500 C C	1000 0 0
	159 7 6

At XII. Pounds per Cent.
The Number of Pounds a Tear to be purchased.

1	1.	10	1	2,			3.	1		4-	
1		a.	l.		d.	i.	S.	d.	1.	S.	d
1			I			2	13	6	3	11	4
	13			7	8	5	1			15	4
	8			16		7	4			12	4
			6	1		9	2	3		3	(
3	12			- 4	2	10	16				4
3-	-,-		3	4	-6		6		16	9	
4	11	3		2	6	13	13		18	5	
4	10	. 1	0	18	8	14	18	0	19	17	-
4 .	69	7	10	13		15	10		21	6	,
2		0		6		16	19			12	
			-		-		16				
5	10	9		17	0	18	10	3	24	15	
0	3	10		1		10		0	25	12	
0	8	3		10			17	3	26	10	
0	12	0	13)			8	6	27		
								_	27	17	
6	19	5			10	20	13	3	28	1/	
7	2	4		4	8	21	7	0	28	9	
7	4	11		9	10		14	9		19	. ,
7	7	.3		14	6		1	9	29	9	
7	9	4		18			8	0		1/	_
7	11	2	15	2	4	22	13	6	30	4	
	12	10	15	.5	8	22	18		30	11	
7	14	4	15	8	8	23	3		30	17	
7	15	8	15	1.1	4	23	7	0	31	2	
7	16	10	15	13		23		0			
7	17	10	15	15	8	23.	13	6		11	
7	18		15	17		23	16	6		15	
7	19		15	19	4	23	19	. 0		18	
8	0	5	16	0	10	24		3		1	
8	1	í	16	2	. 2	24	3	.3		4	
	A		16	0	8.	24	14	6	32	19	
8	3		16	12	0		18	C	33	4	
8	6	6	16	13	0		19	6	33	6	
8	6.		16	12			19	9	33	6	
18	6	8					0	0	33	6	1
	6		16	13		25	0	1	33		1
	6	0		13	6		0	. 3		7	
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	1 2 3 3 4 4 4 5 5 5 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7	0 17 1 13 2 8 3 0 3 12 4 2 4 11 4 19 5 6 5 13 5 18 6 8 6 12 7 2 7 4 7 7 7 9 7 11 7 15 7 16 7 17 7 18 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8 6 8	1. s. a. 0 17 10 1 13 10 2 8 0 3 0 9 3 12 1 4 2 3 4 11 3 4 5 6 6 5 13 0 5 18 9 6 3 10 6 8 5 6 12 6 7 2 4 7 4 11 7 7 3 7 9 4 7 11 2 7 12 10 7 14 4 7 15 8 7 16 10 7 17 10 7 19 8 8 0 5 8 1 1 8 6 6 8 6 7	S. a. L. 0		S. a. L. S. a. 17 10 1 15 8 13 10 3 7 8 2 8 0 4 16 0 3 12 1 7 4 2 4 2 3 8 4 6 4 11 3 9 2 6 4 11 3 9 2 6 4 11 3 9 2 6 4 11 3 9 2 6 4 11 3 9 2 6 4 11 3 9 2 6 5 18 9 11 17 6 6 8 5 12 16 10 5 18 9 11 17 6 6 8 5 12 16 10 6 12 6 13 5 6 16 2 13 12 4 7 17 10 15 13 8 7 18 15 11 4 7 19 15 15 18 7 17 10 15 13 8 7 18 10 15 17 8 7 19 8 15 19 4 8 6 6 16 12 0 8 6 6 16 13 0 8 6 6 16 13 0 8 6 7 16 13 5 8 6 8 16 13 4 8 6 9 16 13 5 8 6 9 16 13 5 8 6 9 16 13 5 8 6 9 16 13 5 8 6 9 16 13 5 8 6 9 16 13 5 8 6 9 16 13 5 9 16 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 13 5 10 10 10 10 10 10 10	S. a. L. S. d. L.	S. a. L. S. al. L. S.	S. a. L. s. d. L. s. d. 17 10 1 15 8 2 13 6 13 10 3 7 8 5 1 6 2 8 0 4 16 0 7 4 0 3 0 9 6 1 6 9 2 3 4 2 3 8 4 6 12 6 9 4 11 3 9 2 6 13 13 9 4 11 3 9 2 6 13 13 9 4 11 3 9 2 6 13 13 9 4 11 3 9 2 6 13 13 9 4 11 3 9 2 6 13 13 9 4 11 3 9 2 6 13 13 9 4 11 3 9 2 6 13 13 9 5 13 0 11 6 0 16 19 0 5 13 0 11 6 0 16 19 0 5 13 0 11 7 6 16 19 5 6 12 6 13 5 0 19 17 6 6 16 2 13 12 4 20 8 6 6 10 13 13 10 20 18 3 7 2 4 14 4 5 21 7 0 7 9 4 14 4 5 22 13 6 7 10 15 13 8 22 15 6 7 10 15 13 8 23 10 0 7 10 15 15 8 23 16 6 7 19 8 15 19 4 23 19 0 8 6 7 16 13 2 24 18 0 8 6 7 16 13 2 24 19 6 8 6 7 16 13 2 24 19 6 8 6 7 16 13 2 24 19 6 8 6 7 16 13 5 25 0 10 8 6 9 16 13 5 5 0 10 8 6 9 16 13 5 5 5 0 10 8 6 9 16 13 5 5 5 0 10 8 6 9 16 13 5 5 5 0 10 8 6 9 16 13 5 5 5 0 10 8 6 9 16 13 5 5 5 0 10 8 6 9 16 13 5 5 5 0 10 8 6 9 16 13 5 5 5 0 10 8 6 9 16 13 5 5 5 5 5 11 8 7 7 7 7 7 7 7 7 7	1	1. 5. 4. 1. 5. 4. 1. 5. 4. 1. 5. 4. 1. 1. 1. 1. 1. 1. 1

At XII. Pounds per Cent.
The Number of Pounds a Year to be purchased.

	1	5.		1	10.		1_	20.		-	30.		
	1.	3.	d	1.	5.	d.	l.	5.	d.	1.	3.	d.	-
	4	9	2	8	18	4	17	16	8	26	15	0	-
2	8	9	ó	16	8	4	32	16	8	49	5	0	-
3	12	0	0	24	0	0	48	0	0	72	0	0	
4	15	3	9	30	7.	6	60	15	0	91	2	6	
. 5	18	0	5	36	0	10	72	1	8	108	2	6	-
6	20	11	3	41	2	6	82	5	0	123	7	6	
7 8	22	16	3	45	12	6	91	6	0	136	17	6	
8	24	16	6	49	13	4	99	10	8	149	0	0	
9	26	5	0	53	5	0	113	0	0	169	10	0	-
11	29	-		56		6	118	15	-0	178	2	6	-
Land Control	30	13	9	59	7 18		123	16	8	185	15	0	1
F 13	32	2	1	64	4	4 2	128	8	4	192	12	6	1
Z 14	33	2	6	66	5	0	132	10	0	198	15	0	
15	34	0	10	68	i	8	136	3	_4	204	5	0	115
Number of Years 16 17 18 19 20	34	17	1	69	14	2	139	8	4	209	2	6	1
0 17	35	11	8	71	3	4	142	6	8	213	10	0	
18	36	4	7	72	9	2	144	18	4	217	7	6	1
19	36	16	3	73	12	6	147	5	0	220	17	6	1
20	37	6	8.	74_	13	4	149		8	224	0	0	a cars to be
6 21	37	15	10	75	11	8	151	3	4 8	226	15		
F 23	38	4	2	76	8	4	152	16	8	229	1	0	I S
23	38	11	8	77	3	4 8	154	6	.8	231	10	0	Ch
24	38	18	4	77 78	16		155	13	4 8	233 235	10	0	Purchased
25	39	4_	2	78	8	4	156	market and the	-8	236		-	1.
	39	9	2	78	18	4	157	16	8	238	15	0	1
27	39	14	2	79	16	8	158	13	4	239	10	0	1
29	39	2	4	79		2	160	8		240	12	6	1
30	40	5	5	80	4	10	161	1	4 8	241	12	6	
40	41	4	2	82	8	4	164	16	8	247	5	0	
50	41	10	0	83	0	0	166	0	0	249	0	c	
60 ;	41	12	6	83	5	c	166	10	0	249	15	c	2
70	41	12	11	83	5	10	166	11	8	249	17	6	1
80	41	13	4	83 .	6	8	166	13	4	250	0	0	
901	41	13		83	7	0	166	14	0	250	1	C	1
100	41	13	9	83	7	6	166	15	0	250	2	6	
1 .			1										
	1		1-			-			- 1				1

At XII. Pounds per Cent.
The Number of Pounds a Tear to be purchased.

	1	40.		1	50.		-	100.	
-	1.	5.	d.	1.	5.	. d.	1.	5.	d.
1	35	13	4	44	11	8	89	3	4
2	65	13	4	82	1	8	164	3	4
	96	0	0	120	0	. 0	240	0	0
	121	10	0	151	17	6	303	8	0
I	144	3	4	180	4	2	360		4
	164	10	0	205	12	6	411	5	. 0
	182	10	0	228	6	6	456	5	0
	198	13	4	248		8	493	13	4
	213	0	0	265	5	0	530	Io	0
	226	0	0	282	10	0	565	0	0
	237	10	0	296	17	6	593	15	0
	247	13	4 8	309	11	8	619	3	8
1	256	16	8	321	0	10	642	1	
	265	6	8	331	8	0	662	16	8
	272	6		340		4			
	278	16	8	348	01	10	697	1 .	8
	284	13		355	16	8	711	13	4
	289	16	4 8	362	5	10	724	11	
	294	10	0	368	6	6	736	5	0
1	299	13.	4	373	_	8	746		4
	302	6	8	377	10	8 8	755	16	8
	305	13	4	382	1	8	764	3	. 4
	309	13	8	385	16		771	13	8
	311	6		389	3	4 8	778	6	
	313	13	4	392	1			_	4
	315	13	4	394	11	. 8	739	3	4
	317	13	4	397	1	8	794	3	8 8
	319	6	8 8	399	3	4	798		0
	320	16		401	0	10	802	8	4
	322	3	4	402	14	2			
	329	13	4	412	1	8	824	3	4
	332	O	0	415	0	0	830	0	0
	333	0	0	416	5	0	832	10	
	333	3	4 8	416	9	2	832 833	6	4
	333	6	8	416	13	4	833	10	0
	333	.8	C	416	17	6	833	15	0
	333	IC	0	416	1/	0	-33	1)	-

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A Lthough the Table of Compound Interest ready cast up, at the Rate of 61. per Cent. per Annum for a Year, which is the present Rate of Interest for Money at this time, yet fuch as are either to Sell, Purchase, or Mortgage any House or Houses, Land, Pensions, or other Incomes, will not lay their Monies out (or Mortgage, or Sell their Lands, &c.) for fo small Profit as 6 per Cent. For all Purchases ought to be valued according to the Goodness or Badness; the Certainty of Incertainty of the Thing to be Purchased :

As if one were to Purchase a Lease for 21 Years of good Land, which would bring him in 40 1. a Year without any Incumberance, or Charge whatfoever, I account one may fafely lay out his Money in fuch case at the rate of 6 per cent. Compound Interest, and so the Purchase of fuch an Income (by the former Table) will coft 470 l. 10 s. 10 d.

But if he should Purchase a good substantial House for 21 Years, that would bring him in also 40 l. a Year, yet he would be unwilling to lay his Money out for the Purchase thereof at so small Profit as 6 m Cent. because of Casualties, and such Inconveniencies as Houses (the best of them) are subject to. Therefore if he would make

VIII. 7 Pound in the Hundred Profit (400 X. S for his Money, such a Pur- 2345
XII. S chase would cost him but 2302 15

And these are the Rates that the Four last Tables do afford; And these Tables are to be used in the same manner as the former at Six per Cent. And therefore I did take the pains to Calculate them to the land. Several Rates of Interest, that any Man may know (when he hash bought any Purchase) what Profit he hath allowed for his Money laying out, &c.

And that the three following Tables may appear to be of absolute Necessity, for the Sarisfaction of either Purchafer, Seller, or Mortgage, I shall Exemplifie their Use in these following unstians, to be resolved by them, which the former fingle Table of 61. per cent. could not of

it felf Refolve.

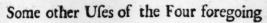
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Question 1.

What Sum of Money may be given for an Annuity, &c. of 20 l. a Year, and to continue 17 Years, and 81. in the 100 l. Profit for Money laying out ?

Turn to the Table of 8 per Cent. and look in the first Column thereof for 17 Years, and in that ine under 30 l. a Year you shall find 273 l. 12 s. 6 d. and so much Money may he give for such an Annuity, and 8 l. in the 100 l. Profit for the Money. But if 10 l. in the roo l. Profit be required for Money laying out, then the Annuity would be worth but 240 l. 12 s. 6 d. and farther, If 12 1. in the 100 1. Profit, the Purchase of the Annuity would then cost but 213 1. 10 s. As by the Tables of X. and XII. Pound per Cent. you will thefe lind.

Dd

Question

If one should give 2801. for an Annuity of 401. a Year for 12 Years, What Profit in the Hundred (counting Compound Interest) bath the Purchaser for his so laying out bis prefent Money?

Having recourse to the several Tables, look in the heads of each of them for 40 % and in the fifth Column of each of them for 13 Years, and so against 13 Years, and under 40 l. you shall find

Now the nearest Sum in this Collection to 2804 is H 284% which stands against VIII. which shews that the Purchaser (according to his Bargain) hath made 81 in the 100 l. Profit.

Question 3.

If 160 l. be given for an Annuity of 20 l. a Year, box many Years must such an Annuity continue?

Cok in the several Tables of 6, 8, 10, and 12 per Cent. in the Column of 201. a Year, and in those Columns find 160 l. (or the nearest Sum therew) to thall you find (under 20 h a Year) in the Table of

5 42	1.	s.	d.			
VI	157	14	7.2			2
VIII	153	1	8(find ag	inf)13	(Vears
X)160	. 8	4	manu ag)17	(100.00
XII	160	8.	4.3		C29	7

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80 %.

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By this Collection it is plain, that if you have but 61 in the 1001. Profit for your Money, you must enby your Annuity of 20 l. a Year but 11 Years. But you have 8 in the 100, then 12 Years. And if 10 ithe 100, then 17 Years. And if 12 in the 100, then 19 Years.

For thefe, and such like Uses, have I composed these Tables, and abundant are the Uses of them, but all cannot be bere comprised. I shall therefore give one Caution bow to use them in these cases, where the just Sum of the Rent or Annuity cannot be found in the head of the Table.

Example.

I give 280 1. for an Annuity of 35 1. a Year, for 21 Years, what Profit do I make of my Money?

of il Ave recourse to the several Tables, and out of them Collect the value of 35 % a Year, to continue 21 lears, and that Sum of Money which comes nearest to Bol. (the Sum you gave for the Purchase) the Table awhich you found that Sum, is the Rate of Interest ou have for your Money. As,

Years \begin{cases} \{ 226 & 15 & 0 \\ 37 & 15 & 10 \end{cases} \} \{ 264 & 10 & 10 \end{cases} Dd 2

Comng ou:

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Now in this Collection, the two nearest Sums to 280 l. are 264 l. 10 s. 10 d. and 302 l. 12 s. 1 d. the one in the Table of Ten per Cent. being greater, and the other in the Table of Twelve per Cent. being lesser; wherefore you may conclude, that you have after the Rate of Eleven per Cent. Profit for your Money.

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Four TABLES,

Shewing the Present Worth of any Lease or Annuity, as also the Worth of the Fee-Simple thereof; in Years, Quarters, and Months Value of the Rent thereof: Calculated at the Rates of V, VI, VIII, and X per Cent. Compound Interest.

Also, Other Tables of Compound Interest of different kinds Ready Calculated.

With their feveral Uses.

Four

	Pe	At V		p	At VI		A			90	At X	it.
Years.	Y.	Q.	M.	Y.	Q	M.	Y.	Q.	M.	<u>Y.</u>	Q.	M
I	0		2	0	Mark Street, Square, Sept.	2	0	3	2	0	3	-2
	1	3	ī	I	3	ī	1	3	0	1	3	0
2	12	3	0	2	3 3 2	2	2	2	1	2	2	0
2 3 4	13	2	1	3	2	0	3	1	1	3	0	2
4		1	1	4	ī	0	4	0	0	3	3	0
2	14	0	1	4	3	2	4	2	I.	4	i	1
75	1			4	2	1	5	0	2	4	3	. 2
7	15	3	0	6	0		2	3	0	5	1	1
3	0	2	C			2	5	2	2	5	3	
2	7	-	1	7	3		6		0	6	0	-
10	17	3	. 0		1	I	7	3	2	6	2	
_ II	8	1 .	1	7	3	2	12	2	ī	6.	3	
Years to be Purchased		3 :	11			2	7	-	2	7	10	
L cha	9	1	2	8	3	1	18	3	2	7	1	
5 14	9	3	2 2	9	3	2	18	2	1	7	2	
2 15	10	1	2	2_		0	3		-	-	-	
2 16	111	0	.7	10	0	0		3	.0	7 3 8	3	
01 17	11	1	0	10	2	0	9	0	1	0	0	
- I	111	2.	0	10	3	0,	9	1	1	5		
× 19	12	O	. 1	11	0	2 21	9	2	1	8	1	
10 1	1.2	1	2	11	1	22	9	3 -	2	8	2	
2 21	12	3		it	3	0	10	0	0		3	
- C	113	1	2	12	0	C.	10	0	21	8	3	
Nan 2	13	2	- 0	112	- 1	1	10	1	1	9	0	
The Number of	13.	7	12	12	2	0	10	2	0	9	0	
2		0	1	12	. 5	0	10	2	2	9	1	
26	114	1	(1)	113	O	2	10	3	0	9	I	
2.3	Fit	2	2	13	1.	0-	10	3	2	9	1	_
20	114	3	0	113	. 1 .	3	11	0		9	1	
20	115		2	11;	2	i	11	0	2	19	2	
	1 5	1	10	112	. 9	0	11	0	3	9	. 2	
5		;	i	11;	3	2	11	-1	1	9	3.	
4		· c	- 1	115	O	1	11	3	2	9	3	
. 5		. 1	50	lis	2	. 0	112	-1	0	9	3.	1
- 6		-	2	10	2	0	12	1	1	10	0	1
7		1	I	1.6	. 1	2	12	1		10	0	
8			I	116	2	0	112		•2 o	10	0	-
9	1	3		10	2	0	12	2	10	10	0	(
Fee S		0		116	2	2	112	2	0	10		. (
		- 4			1	-		-		1		

Concerning the Four foregoing TABLES, and how (and in what cases) they are to be used.

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Oncerning the Table, It is calculated at Four several Rates of Compound Interest, viz. to Five, Six, Eight, and Ten Pound in the 100 /.

Concerning the Using of these Tabls, they are to be used all in the ame manner, but each Table may most properly be appropriate to the miture of the thing to be Purchased. As,

- 1: The Table of Five per Cene. may most fitly be used in the Purchafing of Freehold-Land, which for its permancy, and being (of all other Purchaies) leaft liable to Calualties, a Man may for the less Profit part with his Money in such Purchases.
- 2. The Table of Six per Cont. (which is the present Authorised Rate for Money) may most filty be used in the Purchase of Copy-bold Estates, and in Leases of Land, the one being subject to Fines upen every Alienation, and other Services; the other being but for term of Years, and so may want Encouragement for the Improvement of the fame.
- 3. The Table of Eight per Cent. may be used in the Purchase of Leafes of Land, and of good new-built Houses well inhabited, and standing in probable places for Habitation.
- 4. The Table of Ten per Cene, may be used in the Purchase of Leases of indifferent Houses, for such are liable to many Casuelties, as Wind , Rain , Fire , and fuch like , fo that no Man will lay out his Money upon such Leafes, but he will have at least Ten per Cone. Profit for his Money.

Thus much concerning the Nature of the Talles, and now I shall come to fhew. Dd 4

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I. Of the Table of FIVE per Cent.

Question. What is a Lease of Freehold-Land, to continue 16. Years, worth in ready Money.

Look in the Table of Five per Cent. for 16 Years in the first tolum, and right against it, in the second, you shall find 11 Year and 1 Month, and so many Years Purchase is a Lease for 16 Year of Freehold-Land worth. And so, if the Rent of the Land were 20%, per Annum:

4	3. d.
12 times 20 l. is 220	0 0
Month of 20 l. is	13 4
for 16 Years, will be worth	13 4

By this Table also you may perceive that a Lease for 51 Years will be worth 18 Years, and I Quarter of a Years Purchase: — And so if the Rent were 45 %. a Year, the Purchase would be worth \$14 %. 10 %. Thus,

So

18 times 45 L is	810 o	0
One Quarter of 45 l is	11 5	0
The '	Value - 821 5	0

And by the same Table you may also see, that Free-hold Land, and 5 per Cent. Compound Interest, will be worth 20 Years Purchase: And so if the former Lease were to be bought outright, the Fee Simple thereof would amount to but 900 l.

II. Of the Table of SIX per Cent.

Question. What is a Lease of 35 l. a Year, and to continue 9 Years, (6 per Cent. Compound Interest being allowed)

worth in present Money.

IN the Table of 6 p.r Cene. against 9 Years, you shall find 6 Years, 3 Quarters and 1 Month; And, so many Years, Quarters, and Months

and by this Table you may perceive that at 6 per Cent. the Fee- imple is worth 16 Years, 2 Quarters, and 8 Weeks Purchase. III. Of the Table of E I G H T per Cent. Ouestion. What is a Lease of 10 l. a Year, to continue 18 Years, worth in ready Money? 8 per Cent. Compound Interest being allowed. Against 18 Years in the Table of 8 per Cent. I find 9 Years, 1 Quarter, 1 Month, and so much Purchase is the Lease worth, which that it is in Money, I thus compute: 1. s. d. 18 times 10 l. is 180 0 0 One Quarter of 10 l. is 180 0 16 8 The worth of the Purchase—183 6 8 And according to this Table of 8 per Cent. the Fee-Simple of any ting Purchased thereby, is worth but 12 Years, 2 Quarters Purchase. IV. Of the Table of TEN per Cent. Unestion. What is a Lease of 25 l. a Year, and to continue 13 Years, worth in ready Money? 10 per Cent. Compound Interest being allowed. Against 13 years 1 find 7 years, 0 Quarters, and 1 Month Purchase, which at 25 l. a year amounts to 177 l. 1 s. 8 d. For 7 times 25 l. is One Month is one third of a Quarter of a Year The Value of the Purchase—177 1 8 And the Fee-Simple of any thing Purchased by this Table is worth in 10 Years Purchase.	6 times 35 1.					L.	pute s.	4.
And by this Table you may perceive that at 6 per Cent. the Fee- imple is worth 16 Years, 2 Quarters, and 8 Weeks Purchase. III. Of the Table of E I G H T per Cent. Question. What is a Lease of 10 l. a Year, to continue 18 Years, worth in ready Money? 8 per Cent. Compound Interest being allowed. A Gainst 18 Years in the Table of 8 per Cent. I find 9 Years, 1 Quarter, 1 Month, and so much Purchase is the Lease worth, which that it is in Money, I thus compute: 18 times 10 l. is One Quarter of 10 l. is The worth of the Purchase 183 6 8 And according to this Table of 8 per Cent. the Fee-Simple of any ling Purchased thereby, is worth but 12 Years, 2 Quarters Purchase. IV. Of the Table of T E N per Cent. Question. What is a Lease of 25 l. a Year, and to continue 13 Years, worth in ready Money? 10 per Cent. Compound Interest being allowed. A Gainst 13 years I find 7 years, 0 Quarters, and 1 Month Purchase, which at 25 l. a year amounts to 177 l. 15. 8 d. For 1 times 25 l. is One Month is one third of a Quarter of a Year The Value of the Purchase 177 1 8 And the Fee-Simple of any thing Purchased by this Table is worth		is				-210	-7	
And by this Table you may perceive that at 6 per Cent. the Fee- simple is worth 16 Years, 2 Quarters, and 8 Weeks Purchase. III. Of the Table of EIGHT per Cent. Question. What is a Lease of 10 l. a Year, to comtinue 18 Years, worth in ready Money? 8 per Cent. Compound Interest being allowed. A Gainst 18 Years in the Table of 8 per Cent. I find 9 Years, 1 Quarter, 1 Month, and so much Purchase is the Lease worth, which that it is in Money, I thus compute: 18 times 10 l. is	3 Quarters of	35 l. is-				- 26		
And by this Table you may perceive that at 6 per Cent. the Fee- imple is worth 16 Years, 2 Quarters, and 8 Weeks Purchase. III. Of the Table of EIGHT per Cent. Question. What is a Lease of 10 l. a Year, to comtinue 18 Years, worth in ready Money? 8 per Cent. Compound Interest being allowed. A Gainst 18 Years in the Table of 8 per Cent. I find 9 Years, 1 Quarter, 1 Month, and so much Purchase is the Lease worth, which that it is in Money, I thus compute: 1. s. d. 18 times 10 l. is One Quarter of 10 l. is The worth of the Purchase—183 6 8 And according to this Table of 8 per Cent. the Fee-Simple of any ling Purchased thereby, is worth but 12 Years, 2 Quarters Purchase. IV. Of the Table of TEN per Cent. Unestion. What is a Lease of 25 l. a Year, and to continue 13 Years, worth in ready Money? 10 per Cent. Compound Interest being allowed. A Gainst 13 years I find 7 years, 0 Quarters, and 1 Month Purchase, which at 25 l. a year amounts to 177 l. 1 s. 8 d. For 7 times 25 l. is One Month is one third of a Quarter of a Year The Value of the Purchase—177 1 8 And the Fee-Simple of any thing Purchased by this Table is worth	I Month-							-
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Tears, worth in ready Money? 8 per Cent. Compound Interest being allowed. Gainst 18 Years in the Table of 8 per Cent. I find 9 Years, 1 Quarter, 1 Month, and so much Purchase is the Lease worth, which that it is in Money, I thus compute: 18 times 10 l. is 180 0 0 18 times 10 l. is 180 0 0 18 times 10 l. is 180 0 0 18	III. C	of the Ta	ble of	EIGH	T per (Cent.		
Compound Interest being allowed. A Gainst 18 Years in the Table of 8 per Cent. I find 9 Years, 1 Quarter, 1 Month, and so much Purchase is the Lease worth, which that it is in Money, I thus compute: 1. s. d. 18 times 10 l. is 180 0 0	Question.	What is a	Lease of	iol. a	Year, to	conti	nue 1	8
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And according to this Table of 8 per Cent. the Fee-Simple of any ing Purchased thereby, is worth but 12 Years, 2 Quarters Purchase. IV. Of the Table of TEN per Cent. Puestion. What is a Lease of 25 l. a Year, and to continue 13 Years, worth in ready Money? 10 per Cent. Compound Interest being allowed. Against 13 years I find 7 years, 0 Quarters, and 1 Month Purchase, which at 25 l. a year amounts to 177 l. 1 s. 8 d. For l. s. d. 7 times 25 l. is One Month is one third of a Quarter of a Year 2 1 8 The Value of the Purchase 177 1 8 And the Fee-Simple of any thing Purchased by this Table is worth	One Quarter	of 101. is-				_ 2	. 10	0
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Question. What is a Lease of 25 l. a Year, and to continue 13 Years, worth in ready Money? 10 per Cent. Compound Interest being allowed. A Gainst 13 years I find 7 years, 0 Quarters, and 1 Month Purchase, which at 25 l. a year amounts to 177 l. 15. 8 d. For 1 times 25 l. is One Month is one third of a Quarter of a Year 2 1 8 The Value of the Purchase And the Fee-Simple of any thing Purchased by this Table is worth	One Month 19		The w	orth of the	Purchale	-103	-	
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7 times 25 t. is ———————————————————————————————————	And according Purchased	thereby, is Of the What is a	Table of 8 worth bu Table of Lease of	per Cent. 12 Years, f TEN 25 l. a 1 rth in rea	the Fee-S 2 Quart for Ce Year, and	imple ers Pur	of a chase	ue
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And the Fee-Simple of any thing Purchased by this Table is worth	And according Purchased IV. Question. A Gainst 13 y which at 2	What is a 13 Yea Cent. years I find 25 l. a year	Table of 8 worth bu Table of Leafe of Compount years, oamounts	f TEN 25 l. a l retb in recond Interes Quarters,	the Fee-S 2 Quart For Cear, and Monday Monday Monday the being and 1 M 5. 8 d.	imple ers Pur nt. d to c ey? allow onth P	of a chase	ue er
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nd hs, This is the General Use of these Four Tables, but there is another good Use to be made of them also, and that is this:

Question 1. I have Purchased a Lease of a House for 15 Years, for the which I have given 9 Years and 3 Quarters Purchase, What Rate of Compound Interest have I for my Money?

L cers, (or the nearest number of Years, for 9 Years and 3 Quarters, (or the nearest number of Years and Quarters thereunto) and you shall find that very number to stand against 15 Years in the Table of Six per Cent. and such Profit hath he for his Money. Again,

Question 2. If I give 7 Years Purchase for the Lease of any thing for 11 Years, What Profit have I for my Money?

I Look in the several Tables against 11 Years, for 7 Years, but cannot find the just number in any of them; But in the Table of Eight against 11 years I find 7 Years, o Quarters, 2 Months, which is too much; and against 11 years in the Table of Teo, I find 6 Years, 2 Quarters, which is too little.

Y. Q. M.

At Eight against 11 years is—7 0 2 too much.

At Ten against 11 years is—5 2 0 too little.

Their difference is—0 2 2

From whence I may conclude that I laid out my Money at the Rate of about Nine per Cent.

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This is the General Use of these Four Tables, but there is another good Use to be made of them also, and that is this:

Question 1. I bave Purchased a Lease of a House for 13
Years, for the which I have given 9 Year,
and 3 Quarters Purchase, What Rate of
Compound Interest have I for my Money?

E O

L cers, (or the nearest number of Years and Quarters thereund and you shall find that very number to stand against 15 Years in a Table of Six per Cent: and such Profit hath he for his Money. Again

Question 2. If I give 7 Years Purchase for the Lease any thing for 11 Years, What Profit ha I for my Money?

I Look in the several Tables against 11 Years, for 7 Years, but can find the just number in any of them; But in the Table of Ei against 11 years I find 7 Years, o Quarters, 2 Months, which is much; and against 11 years in the Table of Teo, I find 6 Years, Quarters, which is too little.

Y. Q. M.

At Eight against 11 years is—7 0 2 too mp

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Their difference is—0 2 2

From whence I may conclude that I laid out my Money at the Ra of about Nine per Cent.

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Of this Table, and its Use.

This Table serves to the same Use as the former Tables, but those are calculated to shew the value of any Lease, Annuity, or Peusing, from One Pound or 20 s. to 100 l. and upwards, by Tearly Paymens; But this Table effects the same thing with the help of Arithmetick, by Quarrerly Payments; For it is calculated only to shew the value of on Pound, or 20 s. for any number of Years, not exceeding 21, and the both in Vulgar Numbers, as Pounds, Shillings, Pence, and Farthings; and in Artificial or Decimal Numbers also: which may be reduced in Shillings, Pence, and Farthings by Ocular Inspection, and that byon General Rule, which I shall shew in an Example or two.

Question 1. What is a Lease or Annuity of 30 l. a Ita, to continue 19 Years and a half, and to he paid by Quarterly Payments, worth. 2

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Look in the first Column of the Table, under Tears and Quarter, in 19 Years 2 Quarters, and against it you shall find 11 l. 95. And in much will an Annuity of 205. a Year, to be paid Quarterly, be worth teady Money. Now the Annuity in the Question being 30 l. a Year, must be worth 30 times 11 l. 95. Which you may thus compute.

But to resolve this Question by the Decimal Numbers, do thus: In Decimal Number standing against 19 Years 2 Quarters is 11.4484, which being multiplied by 30, produceth 343.4520. From which Number, if you cut off sour figures to the right hand, the three figures to the sight hand, are Decimal Parts of a Pound, and may be thus valued For the first of the sour Figures, viz. 4, being doubled is 8 s. and the next sigure, if it be 5 (or above) is 1 s. as here it is just 5, which make 9 s. and the 20 remaining is only 2 Farthings. So that the real work of the Annuity is but 343 l. 9 s. 0 d. 2 q. The reason of this difference is this. The Decimal of 1 l. or 20 s. for 19 Years 2 Quarter being 11.4484, is not as in the Table 11 l. 9 s. but 11 l. 8 s. 9 d. 24 and somewhat more, and that multiplyed by 30, will give the Value in be 343 l. 9 s. Take one Example more.

Quest. 2. What is a Lease or Annuity of 251. a Year, to continue 7 Years, to be paid Quarterly, worth in ready Money?

Look for 7 Years in the first Column, and against it you shall find 51. 135. 7 d. which is the Value of 205. a year for 7 years, but king 25 l. a year, this 5 l. 135. 7 d. must be multiplyed by 25, and then it will produce as followeth. For

L.	S.	d.	
25 times 5 1. is	0	0	
25 rimes 13 s. is 325 s. or 16	5	0	
25 times 7 d. is 175 d. or o	14	7	ľ
The Value of the Annuity-141	19	7	•

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And this differs from the Decimal Calculation only one Farthing.

The following Table, calculated for the Rate of VIII. per Cent. is to be used in the same manner as this is.

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	2	2	5 0	2.2524	-7.		2	3	6	3	8.3157
	3	2	9 1	2.4517		13	3	8	8 .	. 0	. 8.4025
	3 0	2	13 0	2.0541		14	0	8	9	9	8.4071
	1	3	17 0	2.8478		14		8	11	5	8.5711
				3.0388	-		1	8		0	8.6530
2	2	3	0 9	13.0300			2		13	8	0.0130
=	3	3	4 6	3 2261	-		3	8_	14	0	8.7333
2	4 0	3	8 3	3.4099	1 11	15	0	8	16	3	8.8121
2	1	3	11 9	3.5901		.,	1	8	17	9.	8.8894
2	2		15 4	13.7669				8	19		8.9653
C	3	3		13.7009	1		2	9	0	10	9.0398
2		3	18 10	3.0107			3	-		10	_
Years and Quarters to be Furchaled.	5 0	4	2 2	12.1105		16	0	9	2	. 3	9.1120
ar	1	4	5 7	4.2775		Res.	1	9	3	. 8	9.1842
3	2	4	8 10	434.112	1	1	2	9	5	C	9.2142
	3	14	12 0	13 18			3	9	4	0	9.3484
Ĕ		-			1	-	-	-	The Part of the Pa	-	
60	6 0	14	15 2	4.7593		17	0	9	7	10	9.3509
7	1	4	18 3	14.9139			1	9	9	2	9:4572
-	2	5	1 4	152654	-		2	9	10	5	9.5222
	3	15	4 3	15.2127	1	1		9	II	8	9.5559
		15	7 2	-		.0	3	-	12		9.6485
	1	15				18		9	13	, 0	
3	1			5.5031			1	9	14	2	9.7099
	2	5	12 10	1 1	1	1	2	9	15	5	9-7701
-	3	5_	15 7	5.7212		1	3	9	16	7	9.8291
	8 0	5	18 4	5.9.63	1	19	0	9	17	9	9.5572
	1	6	I c	6:0487		1	1	9	19	4	9.9689
	2	6	3 7	6 100						0	9.9996
		16	6 1	6.1787	1		2	10	0		
	3	1 _	-	6.0062	1	-	3	10	1	1	10.0543
	9. 0	6	8 8	6.4313	1	20	. 0	10	2	2	10.1079
	1	6	II c		1	0	1	10	3	2	10.1666
	2	6	13 6		1		2	10	4	3	10.2122
	3	6	-15 10		1						10.2626
	-				1	-	3	10		3	-
	10. 0	6	18 1	6.9081	1	21	C	10	6	3	10.3125
	1	17	0 5	7.0216		1		1			
	2	17	2 . 8	7.1334		1					
	3		4 11	7.2425	1	1					
			1	I consider)	1)			

H

11.

III.

IV

Hereaster follow other Tables of Compound Interest, at VI. per Cent. Ready cast up:

ereft. cumal ers. -3492 -4546

.6502

.8584

.9514 .0451

3157

4025

5711

653c 7333

8121

9653

842

1484

572 222

559

4851

099 701 291

372

689 996

79

26

AS,

- I. A Table shewing what any Sum of Money, from 205. to 100 l. or upwards, payable by Yearly Payments, will amount unto, it being forborn any number of Years under 31, and its Use.
- II. A Table shewing what any Annuity, from 205. to 1001. or upwards, payable by Yearly Payments, and being forborn any number of Years under 31, will amount unto.
- III. A Table shewing what any Sum of Money (from 20s. to 100 l. or upwards) payable at the end of any Years to come under 31, is worth in present Money.
- W. A Table shewing what Annuity (payable by Yearly Payments) and to continue any number of Years under 31, any Sum of Money from 205 to 100 l. (or upwards) will purchase.

					Nu	mb	er o	f. P	oun	ds	for	born					
	1	1		1.		1		2.		1		3.			4	1.	
		I.	S.	d.	q.	1.	5.	d.	7.	1.	5.	d.	1.	1.	5.	d.	
_	1	1	1	2	2	12	-2	5	0	3	3	7	2	4	4	10	
	2	1	2	5	. 2	2	4	II	0	13	7	4	2	4	9	10	
	3	1	3	9	3	2	7	7	2	13	II	.5	1	4	15	3	
	4	I	5	3	0	2	10		. 0	3	15	9	0	5	1	0	
	4 5 6	1	6	9_	0	2	13	6	0	4	0	3	0	5	7	0	
		1	8	4	2	2	15	9	0	14	5	1	2	5	13	6	
	7	1	10	0	3	3	0	1	2	14	10	2	1	6	0	3	
	8	1	11	IO	2	3	3	9	0	4	15	7	. 2	6	7	6	
	9	1	13	9	2	3	7	7	0	15	1	4	2	6	15	2	
	10	1	15	9	3	3	-11	7	2	5	7	5	1	7	3	3	
	11	I	17	11	2	3	15	11	0	5	13	10	2	7	11	10	
	12	2	0	3	0	4	0	6	0	6	0	9	0	8	I	0	
	13	2	2	7	3	4	5	3	2	6	7	11	1	8	10	7	
	14	2	5	2	2	4	10	5	0	6	15	7	2	9	0	10	
	15	2	7	11	1	4	15	10	2	7	3	9		9	11	9	
	16	2	10	9	2	5	1	7	0	7	12	4	3	10	3	2	
	17	2	13	10	2	5	7	7	0	8	1	6	2	10	15	4	
	18	2	17	1	0	5	14	2	0	8	11	3	0	11	8	4	
	19	3	0	6	0	6	I	0	0	9	1	6	0	12	2	0	
	20	3	4	1	3	6	8	3	2	9	12	5	1	12	16	7	
	21	3	7	11	3	6	15	11	2	10	3	11	1	13	11	11	
	22	3	12	0	3	7	4	1	2	10	16	2	1	14	8	3	
	23	3	16	4	3	7	12	9	2	11	9	2	1	15	5	7	
	24	4	0	11	3	8	1	11	2	12	2	11	11	16	3	11	
	25	4	5	10	0	8	11	8	0	12	17	6	0	17	3	4	3
	26	4	10	11	3	9	1	11	2	13	12	11	-	15	3	11	
		4	16	5	2	6	12	11	0	14	9	4	2	19	5	10	-
	27 28	5	2	2	3	10	4	5	2	15	6	8	ī	20	8	11	- (
	29	5	8	4	2	10	16	9	0	16	5	1	2	21	17	6	(
	30	5	14	io	1	11	9	8	2	17	4	6	2	22		5	-

Number of Years of Forbearance

A Table shewing what any Sum of Money, from 20 s. to 100 l. will amount unto, it being forborn any number of Years under 31, accounting Interest upon Interest at VI. per Cent.

201

any It up-

Number of Pounds forborn.

	1_		5.		1_	10.			20.		-	30.	
	1.	5.	d.	9.	1.	S.	d.	1.	5.	d.	1.	S.	d.
1	5	6	0	2	10	12	1	21	4	2	31	16	39366
1 2	5	12	3	2	II	4	7	22	9	2	33	13	9
. 3	5	19	0	3	11	18.	1	23	16	2	35	14	3
4	6	6	3	0	12	12	6	25	5	.0	37	17	6
5	6	13	9	0	13	7	6	26	15	0	40	2	
3 4 5 6 7 8	7	1	10	2	14	3	9	28	7	6	42	11	3 9 3 9 6 3 3 3 3 6
. 7	7	10	3	3	15	0	7	30	1	2	45	1	9
. 8	8	19	4	2	15	18	9	31	17	6	47	16	3
9	18	8	11	2	16	.17	11	33	15	10	50	13	9
10	8	19	0	3	17	18	1	35	16	2	53	14	3
	9	9	9	2	18	19	7 6	37	19	2	55	18	5
12	10	1	3	0	20	2	6	40	12	0	60	7	6
13	10	13	2	3	21	6	5	42	12	10	63	19	
14	11	6	0	2	22	12	1	45	4	2	67	16	3
14 15 16	11	19	0	1	23	19	5	4.7	18	10	71	18	3
16	12	13	11	2	25	7	11	50	15	10	76	3	. 9
17	13	9	2	2	26	18	5	53	16	10	80	15	:
18	14	5	.5	0	28	10	10	57	1	. 8	85	12	
19	15	2	6	. 0	30	5	6	60	10	0	90	15	(
20	16	0	8	3	32	1	5	64	2	10	96	4	_:
21	16	19	10	3	33	19	. 9	67	19	6	IOI	19	
22	18	0	3	3	36	0	7	72	I	2	108	1	9
23	19	I	11	3	38	3	11	76	7	10	114	11	
24	20	4	10	3	40	9	9	80	19	6	121	9	:
25	21	9	2	0	42	18	_4	85	16	8	128	15	(
26	22	14	10	3	45	9	.9	90	19	6	136	9	
27 28	24	2	3	2	48	4	7	96	9	2	144	13	-
28	25	11	11	3	51	2	3	102	4	6	152	6	
29	27	1	10	2	54	3	9	108	7	6	162	11-	
30	28	14	3	I	57	8	6	114	17	. 0	172	5	(

Ee

A Table shewing what any Sum of Money, from 201 to 100 l. will amount unto, it being forborn any number of Years under 31, accounting Interest up on Interest at VI. per Cent.

	1	40.			50.		1	100.	
-	1.	3.	d.	I.	5.	d	1.	S.	
1	41	8	4	55	0	5	106	U	
2	44	18	4	56	0	11	112	1	
	47	12	4	59	10	5	119	0	
4	50	10	0	63	2	6	126	5	
3 4 5 6 7 8	53	10	0	66	17	6	133	15	
6	56	15	0	70	13	9	141	17	0
7	60	2	4	75	2	11	150	5	
	63	15	0	79	13	9	159	7	
	67	11	8	84	9	7	168	19	
	71	12	4	88	10	5	177	0	1
į	7.5	18	4	93	17	11	107	15	
	80	10	0	100	12	6	201	5	
ı	85		8	106	12	. 1	213	4	
ı	90	5	4	113	. 0	5	226	C	
l	95	17	4 8	119	17	1	239	14	
ı	101	11	0	126	19	7	253	19	
ı	107	13	8	134	12	1	269	4	
	114	3	4	142	14	2	285		
	121	0	0	151	5	0	302	10	
	128	5	8	160	7	. 1	220	14_	_
I	135	19	0	. 109	18	9	339	17	
١	144	2	4	180	2	11	360	5	1
	152	15-	8	190	19	7	381	19	
1	161	19	0	202	8	9	404	17	
۱	171	13	4	214	11		429	3	_
1	181	19-	0	227	8	9	454	17	-
	192	18	4	241	2	11	482	5	1
1	205	9	0	255	11	3	511	2	
	216	15	0	270	18	9	541	17	
1	229	-14	0	287	2	6	574	5	

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The Use of the foregoing Table.

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Question 1. If 51. due presently be forborn for the space of
13 Years, unto what Sum will the 51, be
increased at 6 per Cent. Compound Interest?

Ook for 5 l. (the number of Pounds forborn) at the head of the L. Table, and in that Column under 5, and against 12 (the number of Years forborn) you shall find 10 l. 13. 3 d. and to in much will the forborn 12 Years be increased to.

Quest. 2. Unto what Sum will 75 l. be increased to in

L	1.	s.	d.	q.	
forborn 21 Years, will amount unto	C135	19	0	0	
o forborn 21 Years, will amount unto	5 101	19	3	0	
3)	- 16	19	10	3	
75 In all_	-254	18	1	3	-

So that 75 l. forborn for 21 Years, will be increased to 254 l. 18 s.

1d. 19. 6 per Cent. Compound Interest being allowed.

Whereas I take 40 l. 30 l. and 5 l. to make up the Sum of 75 l. (besufe I cannot find 75 l. in one entire number in the Table.) I might as
well have taken 50 l. 20 l. and 5 l.—As in this,

Quest. 3. A Man puts 1271. into the hands of a Friend, as a Portion for his Son when he comes to the Age of 21 Tears, he then being but 4 Tears old; What Sum of Money must the Trustee pay at the expiration of the term, allowing Compound Interest at 6 per Cent.

From 21 Years, substract 4, (the Age of the Child) the remainder is 17. Then by the Table you shall find that

l. s. d. q.
$$\frac{100}{20}$$
 in 17 Years will be increased to $\frac{269}{53}$ $\frac{4}{10}$ $\frac{2}{10}$ $\frac{2}$

Ec 2

So that when the Youth comes to the Age of 41 Years, the portion given him at the Age of 4 Years will be augmented to 341 L 171 30 d. 2 q. And so much must the Trustee pay unto him.

Question 4. If at the end of 15 Tears I do receive 3471 for the Principal and Compound Interest of a certain Sum of Money so long due, what was the Principal Sum that was to be paid 15 Years before?

Look in the Table for 15 Years in the first Column, and in the line find 347 l. (or the nearest Sum thereunto) and the greated Sum you can find there is 239 l. 145. 2 d. at the head of which Column there stands 100 t, but 239 l. 145. 2 d. wants 107 l. 55. 101 of 347 l. Wherefore look in the same line against 15 Years, for the nearest Sum to 107 l. 55. 10d. and you shall find the nearest them unto to be 55 l. 17.5, 8 d. over which there stands 40 l. But this sm wants 11 l. 85. 2 d. of 107 l. 55. 10d. Wherefore I look again is the same line for the nearest Sum to 11 l. 85. 2 d. which I find the 11 l. 195. 8 d. 19. (which is too much by 115. 6 d. 19.) or which stands 5 l. So that I conclude that the Principal Sum which should have been paid 15 Years before, was very near 145 l. For

	3.					1.
239	14	2	07	was found		1100
95	17	8	07	was found	under	5 40
11	19	8	12			5
347	11.	6	1	1	4.0.1	145

A Table shewing what any Annuity, payable by Yearly Payments, and being forborn any number of Years under 31, will amount unto at the end of the term. Compound Interest being accounted at 6 per Cent. Ready cast up, from 201. to 100 l. per Annum.

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be paid

I in the ee greated which Co 5 5. 10 d i, for the eff therethis Sun again is I find m 7.) over m which for The value of the Pension forborn in Money.

-			Jene .	
1	1 1	2.	31	4.
23	1. s. d. q	1. s. d. q.	1. s. d. q	1. s. d. 9
1	0 0 0	-	3 0 0 0	4 0 0 0
2	2 1 2 2		6 3 70.2	8 4 100
3	3 3 8 0	10	9 111 9 0	12 148 0
5	4 7 5 3 5 12 8 3		13.2.5 1	17 9 11 0
		COLUMN TOWNS TO SERVICE STATE OF THE PERSON NAMED IN	10 18 2 -1	22 10 11 0
6	6 196 0	13, 19 0 0	20 18 6 0	27 18 0 0
7 8	1		25 3 7 12	33 1160
9	9 17 11 2	19 15 11 0	31 9 6 0	39 11 10 0
10	13: 3 7 1	26 7 2 2	1 1 to 1	45 19 4 0 52 14 5 0
Thinks.				The Committee of the Committee of
0 12	14 19 5 1	35 14 9 2	50 12 2 , 1	59 17 9 0
2 13	16 17 4 3 18 17 7 2	37 15 3 0	56 12 20,2	75 10 6 0
4 14	21 0 3 2	42 0 7 0	63 0 10 2	84 1 2 0
11 12 13 14 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17	23 5 6 1	46 11 0 2	69 16 6 3	93 2 1 0
16	25 13 5 2	51 6 11 0	7700 4 82	93 2 1 0
17	28 4 3 0	56 8 6 0	84 12 9 0	112 17 0 0
17 18 19 20 21 21	30 18 1 1	61 16 2 21	92 14 3 83	123 12 5 0
19	33 15 2 1	67 10 4 2	101 5 6 3	1350 9 0
20	36 19 8 2	73 11 5 0	110 7 1 2	147 2 100
21	39 19 10 1	79 198 2	119.19 6 23	159 19 4 0
	43 7 10 0	86 15 8 01	130 3 6 0	173 11 4 0
23	46 -19 11 0	93 19 10 01		187 198 0
25	50 16 3 3	101 12 7 2	152 8 (1131	203 5 2 0
26	54 17 3 2	109 14 7 0		219 9 2 0
40	59 3 1 2			236 12 6 0
4.1	10			254 16 5 0
200	73-12 9 2			274 2 3 0
	79 1 1 3			294 11 2 0
	. 3	158 2 3 2	237, 3 5 21	316 4 7 0
and the said			1	1

The value of the Pension forborn in Money.

	1	5			1	10.		1	20.		-	30.	
	1.	3.		9.	1.	5.	a.	I.	1.	d.	1.	S.	
1	15	0	0	0	10	0	. 0	20	0	0	30	0	
2		6	0	7.2	20	12	1	41	4	2	61	16	
3	115	18	4	0	131	16	8	63	13	4	95	10	
4		17		3	43	14	9	87	9	6		4	
5	23	3	7	3	56	7	3	112	14	6	169	1	
-6	34	17	6	0	69	15	0	139	10	0	209	5	
	41	19		2	183	18	9	167	17	6	251	16	
7 8	49	9	9	2	93	19	7	197	19	2	296	18	
. 9	157	9	2	0	114	18	4	229	16	8	344	15	
10	65	18	0	1	1131	16	0	263	12	0	395	8	
i 11	74	17	2	7	149	14	0	299	8	0	449	2	
5 12	8	6	11	3		13	11	337	7	.10	506	2	
5 13	91	8	1	2	188	16	3	377	12	6	566	8	
14	105	1	5	2	210	2	11	420	5	10	630	8	
11 12 13 14 15 16 17 18 19 20 21 22	116	7	7	1	232	15	2	465	10	4	698	5	
16	1128	7	3	-2	250	14	7	513,	9	2	770	3	
17	141	1	3	0	232	1	6	564	5	C	846	7	
18	154	10	6	I	1309	1	C	618	2	O	927	3	
19	163	15	11	I	337	11	IC	675	3	8	1012	15	
20	183	18	6	2	367	17	1	735	14	2	1103	11	
21	199	19	2	1	399	13	4	799	16	8	1199	15	-
22	216	19	2	0	433	13	4	867	16	8	1301	15	
23	234	19	7	0	468	19	2	937	18	4	1406	17	
24	254	1	6:	3	508	3	1	1016	6	2		9	
25	274	6	5	2	548	12	11	1097	5	10	1645	18	
26	295	15	7	2	591	11	3	1183	1	6	1774	13	_
27	318	10	6	1	637	1	0	1274	2	c	1911	3	
25	342	12	9	3	655	5	7	1370		2	2055	16	
29	378	3	ii	2	756	7	11	1512		10	2269	3	
30	395	5	8	3	790	11	5	1581	2	10		14	

The Number of Years Forborn.

A Table shewing what any Annuity, payable by Yearly Payments, and being forborn any number of Years under 31, will amount unto at the end of the term, Compound Interest being accounted at 6 per Cent. ready cast up, from 201. to 100 l. per Annum.

Years

term,

Cent.

The value of the Pension forborn in Money.

	1	40.	- sti	1	50.		1 1	co.	
	1.	s.	d	1.	5.	d.	1.	1.	d
1	40	0	0	50	U	0	100	P	-
2	82	8	4	103	0	. 5	106	0	10
3	127	6	8	159	3	4	310	6	8
4	174	19	0	218	13	9	437	7	6
5	225	9	0	281	16	3	697	12	6
6	279	0	0	318	15	0	697	10	C
7 8	335	15	0	419	13	9	839	7	6
8	395	18	4	494	17	11	9, 9	15	10
9	459	13	4	574	11	8	11.19	3	4
10	527	4	0	659	0	0	1318	0.	0
11 12 13 14 15	199	16	0	78	10	0	1497	0	C
12	674	15	8	8+3	9	7	1686	19	2
13	755	5	8	944	1	3	1888	2	. 6
14	840	11	8	1050	14	7	2101	9	2
15	931	0	8	1163	15	10	2327	11	8
16	1026	15	4	1253	12	11	2567	5	10
17	1128	10	0	. 1410	12	6	2821	5	0
18	1236	4	0	1545	5	0	3090	10	. 0
19	1350	7	4	1687	19	2	3375	18	4
20	1471	8	4	1829	5.	5	3678	10	10
21	1599	13	4	1999	11	8	3999	3	4
22	1735	13	4 8	2169	1	8	4339	3	4 8
23	1875	16		2344	5	10	4699	11	8
2.1	2032	12	4 8	2540	15	5	5001	10	10
25 26	2194	11	8	2743	4		- 5486	9	2
26	2366	5	0	2917	16	7 3	5915	12	6
27 28	2540	4	0	3155		0	6370	10	0
	2741	2		. 3426	8	. 0	6852	16	0
29	3025	11	8 8	3-81	19	7	7563	17	2
30	3162	5	. 8	3952	17	1	7905	14	2

The Use of this Table.

Quest. 1. If a Pension or Annuity of 41. a Year be forborn 7 Years, unto what Supp of Money will it be augmented, at 6 per Cent. Compound Interest?

Look in the head of the Table for 4 l. and under it (against 7 Year) you shall find 33 l. 11 s. 6 d. And so much will the Annuity for born 7 Years amount unto.

Quest. 2. Unto what Sum of Money will an Annuity of Pension of 571. per Annum amount unto, it being forborn 11 Years?

So that if an Annuity of 57 l. be forborn 11 Years, it will be autimented to 852 l. 6 s. o d. 3 q.

Quest. 3. If at the end of 17 Years I do receive 2801 for the Augmentation of a Pension or Annuity so many Years due, what was the Annual value of the Pension?

Look for 17 Years in the first Column of the Table, and casting you the nearest Sum you can to 280 l. and the nearest Sum thereunto is 282 l. 25. 6 d. which is too much by 2 l. 25. 6 d. and over 282 l. 25. 6 d. you find to l. So you may conclude that the Pension or Annuity was very near 10 l. per Annum.

A Table shewing what any Sum of Money (from 201. to 100 l. or upwards) payable at the end of any term of Years to come under 31, is worth in present Money, ready cast up, Rebating or Discounting after the Rate of 6 per Cent. per Annum, Compound Interest.

Number of Pounds to be rebated for.

	. 1		J.		-1		_ 2				3		- 1		4	2	
-	-	T.	5.	d.	9.	1.	s.	d.	9.	l.	3.	d	9.	t.	3.	d	9.
-	-	0	18	10	2	ī	17		0	2	16	7	2	3	15	5	0
	1 2	0	17	9		1	15	9	0	2	13	4	2	3	II	2	0
	2	0	16	9	2 2	1	13	7 8	0	2	- 10	4	2	3	7	2	0
100	4	0	15	10	0	1	11	8	0	2	7		0	3	3	4	0
-	- 5	0	14	11	1	1	9	IC	2	2 2 2	4	9	3	2 2	19	9	0
	3 4 5 6 7 8 9 0 11	0	14	1	1	1	8	2	2		2 19 17	3	3 3 2	2	16	5	0
	7	0	13	3	2	1	8 6 5 3 2	7	0	1	19	10		2	13	2	0
	8	0	12	6	1	I	5	8	2	1	17	6	3	2	9 7 4	1	0
	9	0	11	10	0	1	3	8	0	1	15	6	0	2	7	4 8	0
-	10	0	11	2	0	1	2	4	0	1	13	6	3	2	4		C
1	n	0	10		2	1	1	1	0	1	11	7	2	2	2	2	0
1	12	0	9	11	1	0	19	10	2	1	9	9	3 2	1	19	8	0
Years.	12 13 14	0		4	2	0	18	9	0	1			2	1	17	6	0
Yc	14	0	9	10	0	0	17	8	0	1	6	6	. 0	1	15	4	0
	15	0	8	4	1	0	16		2	1	5	0	3	1	13	5	.0
Number of	15	0	7	10	2	10	15	9	0	1	3 2	7	2	1	11	8	00000
De la	17	Ó	7.	5	0	0	14		C	1		3	0	1	9	8	0
15	17 18	0		0	0	0	14	. 0	. 0	1	. 1	0	C	1	8	0	0
Z	19	0	766	7	1	0	13	2	2	0	19	8	3	1	6	5	0
	20	0	6	7 2	3	0			. 2	0	18	8	3 1 2 2	1	4	11	0
1	21	0	5	10	2 2	0	11	9	0	0	17	7	2	1	3 2	6	0
1	22	0	5	6	2	0	11	1	0	10	16	7		1	. 2	2	0
	23	0	5	2	3	0	10	5	. 2	0	15	8	1	1	0	11	C
1	24	0	4	11	3	0	9	10	-2	10	14	9	3	10	18	9	C
1	25	0	4	7	3	0	9	3	2	0	13		-				0
1	22 23 24 25 26	0	4	4	3 3	0	8	9		0	13	3 -2	I	0	17		0
1	27	0	4	1	3	C	8	3.	2	0	12		1	0	16	7	0
1.	27 28	0	3	11	0	0	7	10		1	11				15		O
1	29	0	3	9	1	0	7	6	2	0	11		3	0	14		
	30	0	3	9	. 3	0	6	11	2	0	10	5	. 1	0	13	10	
1		1				1				1				1		-	

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Years) ity for-

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Number of Pounds to be rebated for.

		1	5			1	1	0.			2	.0.		-	3	0.	
		I.	3.	d.	9.	I.	5.	d.	9.	1.	5.	d.	9.	l.	3.	d.	1
7.7	1	4	14	3	2	9	8	7	0	18	17	2	0	28	5	9	- 1
	1 2	4	8	ii	2	988	17	11	0	17.	15	IO	0	26	13	9	-
	3	4	3	11	2	8	7	11	0	16	15	10	0	25	3	9	
	A	3	19	2		7	18	4	0	15	16	8	0	23	15	0	
	5	3	14	8	I	7	9	4.	2	14	18	9	0	22	8	1	
	3 4 5 6 78 9 0 11	3	10	6	1	7	1	0	2	14	2	I	0	21	3	1	
	7	3	6	5	2	6	12	10	0	13	5	8	0	19	18	6	
	8	3	2	7	1	6	4	2	2	12	8	5	0	18	12	7	
	0	2	18	2	0	5	16	4	0	11	12	8	0	17	9	0	
	10	2	15	10	0		11	8	0	11	3	4	0	16	14	0	
	11	2	12	8	2	5	5	5	0	10	10	10	0	15	16	3	
	12	2	9	8	1	4	19	4	2	9	18	9	0	14	18	1	
I CAID.	13	2	6	10	2	14	1.3	9	0	9	7	6	0	14	1	3	
	14	2	4	2	C	4	8	4	0	8	16	8	0	13	5	0	
	15	2	i	9	1	4	3	6	2	8	7	1	0	12	10	7	
5	16	ī	19	4	2	13	18	9	0	7	17	6	0	11	16	3	
Manuaci or	17	1	17	i	C	3	14	2	0	7	8	4	0	11	2	6	
	I	1	15	0	0	3	10	0	0	7	0	0	C	10	10	0	
Z	19	1	13	0	1	13	6	0	2	6	12	1	C	9	18	I	
*	20	1	11	1	3	3	2	3		6	4	7	0	9	6	10	
	21	ī	9	4	2	2	18	9	2	5	17	6	0	3	16	3	
	22	1	7	8	2	12	15	5	0	5	10	10	0	8	6	3.	
	23	1	6	1	3	2	12	3	2	5	4	7	C	7	16	10	
	24	i	4	8	1	2	. 9	4	2	4	18	9	C	17.	8	1	
	25	1	3:	2	. 3	2	6	5		4	12	11	O	6	19	5	
	25	ī	1	11	-3	2	3	11	2	4	7	11	0	0	11	10	
	27	1	0	8.	3	2	i	5	2	4	2	11	0	6	4	4	
	28	0	19	7	0	1	19	2	0	3	18	4	C	5	17	6	
	29	0	18	ie	.1	1	17	8	2	3	15	4	C	5	13	0	
	30	0	17	4	3	1	14	9	2	13	9	7	0	5	4	4	

A Table shewing what any Sum of Money (from 201. to 100 l. or upwards) payable at the end of any term of Years to come under 21, is worth in present Money, ready cast up, Rebating or Discounting after the Rate of 6 per Cent. per Annum, Compound Interest.

201.

Mothe

Number of Pounds to be rebated for.

62.51	40.	1 50.	100.
	i. s. d. q.	Lands, d. q.	I. s. d.
1			94 5 10
2	35 11 8 0	44 9 7 0	94 5 10 88 19 2
3	33 11 8 0	41 19 7 0	83 19 2
4	31 13 4 0	41 19 7 0	79 3 4
5	29 17 6 0	37 6 102	79 3 4 74 13 9
3 4 5 6 7 8	28 4 2 0	35 5 2 2	70 10 5
7	26 11 4 0	33 4 2 0	66 8 4
8	24 16 10 0	31 1 0 2	62 1 1 1
9	23 5 124 0	2) 1 8 0	53 13 4
10	22 6 8 0	27 17 4 0	55 14 8
9 10	21 1 8 0	26 7 1 0	53 3 4 55 14 8 42 14 2
12	19 17 6 0	24 16 10 2	49 13 9
# 13	18 15 0 0	23 8 9 0	46 17 6
13 14 ·	18 15 0 0	22 1 8 0	46 17 6
2 15	17 13 4 0	20 17 8 2	44 3 4
15 16 17 18 12 13 13 13		19 13 9 0	
3 17	14 16 8 0	19 13 9 0	39 7 6 37 I 8
17 18	14 0 0 0	17 10 0 0	35 0 0
- 7	13 4 2 0	16 10 2 2	33 0 5
20 21 22	12 9 2 0	15 11 5 2	31 2 11
21	11 15 0 0	14 13 9 0	
22	11 1 8 0	13 17 1 0	27 14 2
23	10 9 2 0	13 1 5 2	27 14 2 26 2 11
24	9 17 6 0	12 6 10 2	25 13 9
23 24 25 26	9 5 100	11 12 4 2.	29 7 6 27 14 2 26 2 11 25 13 9 23 4 9
26	8 15 10 0	10 19 9 2	21 19 7
27 28	8 15 10 0	10 19 9 2	20 14 3
28	7 16 8 0	9 15 100	19 11 8
29		9 8 4 2	19 11 8
30	6 19 2 0	8 13 11 2	17 7 11

The Use of this Table.

Quest. 1. If 301. to be paid at the end of 7 Years, should be paid presently, what Sum of Money would pay the same? Rehate (or Discount) being made after the Rate of 6 per Cent. Compound Interest.

Look in the Table for 30 l. at the head thereof, and under it, and against 7 Years in the first Column, you shall find +9 l. 18 s. 6 d. And so much ready Money will discharge the same presently.

Quest. 2. What Sum of present Money will pay 50 l. due 21 Years bence, Rebate at 6 per Cent. being allowed.

Dok in the Table for 21 Years, and in that line under 50 l. to be Rebated, you shall find 14 l. 19 s. 3. And so much present Money will pay 50 l. to become due at the end of 21 Years.

Quest. 3. If 297 l. be to be paid at the end of 10 Years,
what present Sum will discharge that Payment, Discount being made after 6 per Cent.
Compound Interest?

		11	11		
1.		1.	5.1	d.	
100]	0 - 17 11 - 0 - 5	755	14	8	
100	refigire and a sor design of	55	14	8	
50	due to Years hence, will be presently	27	17	4	
40	discharged for	22	6	8	
. 5	1 2 6 6	2	15	10	
2)		i	2	4	
297	The Sum—	168	11	6	

So that 168 l. 11 s. 6 d. ready Money will atisfic for 257 l. to be paid after the expiration of 10 Years.

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A Table shewing what Annuity (payable by Yearly Payments) and to continue any number of Years under 31, any Sum of Mony from 20 s. to 100 l. or upwards, will Purchase, Compound Interest being allowed after the Rate of 6 per Cent. per Annum.

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and 6 d.

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The value of the Annuity to be Purchased.

	1		1.		1		2.	-	1		3.		1.		4.	-
	1.	S.	d.	2	1.	S.	d.	9.	16.	5.	d.	2	1.		d.	9.
	I	7	.2	2	2	2	5	.0	13	3	7	2	4	4	10	0
1		1	11 0	. 0	1	1	10	0	I	1:	7 9 5	0	12	3	8	0
3	10	7	. 5	3	0	14	11	2	I	2	5	1	1	9	11	0
4	10	5	9	. 1	10	11	6	.2	10	1		3	1	2	1	0
4 5	0	4	9	0	0	9	6	0	0	1.	1 3	0	0	13	0	0
-	0	4	0	3	0	8	1	2 0 2	0	12	2 2	1	0	16	2	0
7	0	4 3 3 2	7	.0	0	. 7	2		0	10		0	0	14	4	0
		3	2	2	0	6	5	0	0	9	7	2	0	12	10	0
: 9	10	2	.11	I	C	5	10	0 0 2	0	988	7 9	3	0	11	9	0
10	0.	2	8	2	0	5	5	0	00	8	1	2	0	10	10	0
11	0	2	6	2	00	5	I	0		7	7 2	2 2 2 1	0	10	2	0
12		2	4	3	0	4	9	2.	0	7 7 6		1	0	9	7	C'
13	0	2	3	0	0	4	6	0	0	6	9	0	0	9988	0	0
14	0	2	1	3	0	4	3	2	0	6	5 2	1	0	8	7	.0
15	0	2	0	3	0	4	1	2	0	6	2	1	0	8	3	0
10 11 12 13 14 15 16 17 18 19 20	0	1	11	3 3	0	3	11	2 2 2	0	5	11	1	01000	7	11	.0
17	0	1	10	3	0 0	3	9	2	0	5	8	1	0	7 7 7 7	7	0
; 18	0	1	10	1	0	3	986	2	0	5	6	3	0	7	5	0
19	0	1	9	2	0	3		0	0	5	3	2	0	7	0	0
20	0	1	8	3	0	3	5	. 2	0	5	2	1	0	6	11	0
20	0	1	8		.0	3	4.	2	0	5	0	3	0	66666	9	0
22	0	1	7	3	0	.3	3	2	0	4	11	3	0 0 0	6	97653	0'
23 24	0	1	7	2	0	3	3 3 2	0	0	4	10	2	0	6	6	0
24	10	1	7	1	0	3	2	2	0	4	9	3		6	5	0
25	0	1	6	3	0	3	1	2	0	4	8	1	0		3	
25 26	0	1	6	2	0	3	1	0	0	4	7	2 3 1	0	6	2	0 0
27 28	0	.1.	6	1	0	3	0	2	0	4	6	3	0	6	1	0
28	0	1	6	0	0	3	0	0	0	4	6	0	0	6	0	0
29	0	1	5	.3	0		11	2	0	4	5	1	0	5	11	0
30	0	1	5	2	0	2	11	0	0	4	4	2	0		10	0

A Table shewing what Annuity (payable by Yearly Payments) and to continue any number of Years under 31, any Sum of Mony from 20 s. to 100 l. or upwards, will Purchase, Compound Interest being allowed after the Rate of 6 per Cent. per Annum.

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The Number of Years Purchascable.

The value of	the Annuity to	be Purchased.
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-		1_		5.	-	1_	1	10.		-	2	0.		-	_ 3	0.	
		1.	S.	d	9.	1	5.	d.	9.	1.	J.	d.	9	1.	3.	d.	9
-	1	5	6	0	2	10	12	I	O	21	4	2	D	31	16	3	-
	2	2	14	7	0	5	9	2	0	10	18	4	0	16	7	6	(
	3	1	17	4	3	3	13	9	2	7	9	6	0	11	4	3	1
	4	1	8	10	1	2	17	8	2	5	15	5	0	8	13	I	2
	. 5	1	3	9	0	1	7	6	0	4	15	0	0	7_	2	6	
1	5	1	0	3	3	2	0	7	2	4	1	2	0	6	1	9	
	7	0	17	11	0	1	15	10	0	3	11	8	0	5	7	6	
	. 7	0	16	0	2	1	12	1	0	3	4	2	0	4	16	3	
.:	9	0	14	8	1	I	8	4	2	2	16	9	0	4	5	13	2
The Number of Years Purchaseable	10	0	13	6	2	1	7	i	0	2	14	2	0	4_	1	3	(
2	10	0	12	8	2	I	5	4	0	2	10	8	0	3	-16	0	-
3	12	0	11	11	3	1	3	11	2	2	7	11	C	3	11	10	:
ž	13	0	11	3	0	1	2	6	0	2	5.	0	0	3	7	6	
-	14	0	10	8	3	1	1	5	2	2	2	10	0	3	4	13	:
H	15	0	10	3_	3	1	0	7	2	2	1	3	0	3	1	10	- 2
ĭ	16	0	9	10	3	0	19	9	2 2	1	19	7	-0	3_2	19	4	-
5	17	0	9	5	3	0	18	11	2	1	17	11	0	2	16	10	:
5	18	0		3	1	0	18	6	2.	1	17	1	0	2	15	7	1
6	19	0	9	3	2	0	17	7	0	1	15	2	0	2	12	9	-
Ę	20	0	8	7	3	0	17	3	2	1	14	4	0	2	11	7	:
-	21	0	8	5	1	0	16	10	2	1	13	9	0	2	10	7	2
Ē	22	0	8	2	3	0	16	5	2	1	12	11	0	2	9	4	2
	23	0	8	1	2	0	16	3	0	1	12	6	ó	2	8	9	(
	24	0	8	0	1.	0	16	0	2	1	12	1	0	2	8	1	2
	25	0	7	9	3	0	15	7	2	1	11	3	0	2	6	10	2
	25 26	0	7	8	3	0	15	5	0	1	10	10	0	2	6	3	C
	27	0	7	7	1	0	15	2	2	1	10	5	0	2	5	7	2
	27 28	0	7	6	0	0	15	0	0	1	10	0	0	2	5	0	0
	29	0	7	4	3	0	14	9	2	1	9	7	0	2	4	4	2
	30	0	7	3	2	0	14	7	0	-1	9	2	0	3	3	9	C

A Table shewing what Annuity (payable by Yearly Payments) and to continue any number of Years under 31, any Sum of Money from 205. to 100 l. or upwards, will Purchase, Compound Interest being allowed after the Rate of 6 per Cent. per Annum.

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201200

201020221222021220221020

The value of the Annuity to be Purchased.

	1 40.	1 50.	1	100.
	1. s. d. q.	l. s. d. q.	1.	s. d
1	42 8 4 0	53 0 5 0	106	0 10
2	21 13 8 0	27 5 100	54 37	7 7
3	14 19 0 0	18 13 9 2	37	7 7
4	11 10 10 0	14 8 6 2	29	
1 2 3 4 5 6 7 8	9 10 0 0	11 17 6 0	23	15 0
6	8 2 4 0	10 2 11 2	20	5 11
7	7 3 4 0	8 19 2 0	17	18 4
8	7 3 4 0 6 8 4 0	8 6 5 0	16	0 10
. 0	5 13 6 0	7 12 10 2	15	5 9
10	7 3 4 0 6 8 4 0 5 13 6 0 5 8 4 0	6 15 5 0	.13	5 9
11 10 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	7 3 4 0 6 8 4 0 5 13 6 0 5 8 4 0 5 1 4 0 4 15 10 0 4 10 0 0	5 6 8 0	12	13 4
£ 12	4 15 100		11	19 7
13	4 10 0 0	5 19 9 2 5 12 6 0 5 7 1 2 5 3 1 2	11	19 7 5 c 14 3 6 3
. 14	4 5 8 0	5 7 1 2	10	14 3
15 15	4 2 6 0	5 3 1 2	10	6 3
13 14 15 16	4 5 8 0 4 2 6 0 3 19 2 0 3 15 10 0 3 14 2 0 3 10 4 0 3 8 8 0	5 3 1 2 4 18 9 2 4 14 9 2 4 12 8 2	9	13 4 19 7 5 6 3 47 7 9 7 5 5
	3 15 100	4 14 9 2	9	9 7
17 18 19	3 14 2 0	4 14 9 2 4 12 8 2	9	17 7 9 7 5 5 15 1c
19	3 10 4 0	4 7 110	8	15 10
17 18 19 20	3 8 8 0	4 7 11 0	8	11 11
2 20 2 21 2 12			999888888888	8 0
12	3 7 0 0 3 5 10 0 3 5 0 0	4 4 4 2 4 2 4 2 4 1 3 0 4 0 2 2 3 18 1 2	8	8 9 4 9 6
23	3 5 0 0	4 1 3 0	8	2 6
23	3 4 2 0	4 0 2 2		0 5
25	3 2 6 0	3 18 1 2	7	16 3
25 26	3 1 8 0	4 0 2 2 3 18 1 2 3 17 1 0 3 16 0 2 3 15 0 0	7 7 7 7	8 9 4 9 2 6 0 5 16 3
27 28	3. 1 100	3 16 0 2	7	12 0
28	3000	3. 15 0 0	7	10 1
29	2 19 2 0	3 13 11 2	7	7 11
30 1	2 18 4 0 1	3 12 11 0	7	5 10

The Use of this Table.

Quest. 1. What Annuity, Rent, or Pension, to begin prefently, and to continue 9 Years, will 20 l. Purchase?

Find 20 l. (the Money to be presently paid) in the head of the Table, and 9 Years (the term of Years to be Purchased) in the first Column, and against 9 Years, and under 20 l. you shall find 2 l. 16 s. 9 d. And such an Annuity, to continue 9 Years, will 20 l. Purchase.

Quest. 2. One bath 137 l. lying by him, with which he would Purchase an Annuity to continue 20 Years; What Annuity will that Sum Purchase?

1.	1.	s.	d.	9.
100 7	5 8	11	11	0
30 will Purchase an Annuity of continue 20 Years, work	to) 2	11	7	2
continue 20 Years, work	th) o	8	7	3
2)	10	3	5	2
137. To	tal-11	15	7	3

So that 137 l. will Purchase an Annuity of 11 l. 15 s. 7 d. 3 q. for 20 Years.

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Table shewing the Increase of one Pound or 20 Shillings, in any number of Years, Halves, and Quarters, at the Rate of 61. per Annum, Compound Interest, for 31 Years: Both in Vulgar Coin or Numbers, and in Decimal Parts or Fractions.

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be 20

5 5.

Vulgar Coip.	Decimal	1 1	Vulgar	Coin	1.	Decimal
L s. d. q	part.		L. s.	d.	9	parts.
1000	1.00000	8	1 14	10	2	1.59355
1033	1.01467		1 12	4	1	1.61724
1070	1.02956	1	1 12	10	0	1.64097
1 0 10 3	1.04467		1 .13	3	2	1.66505
1 1 2 2	1.00000	9	1 13	9	2	1.68948
1160	1.07555	-	1 14	3	2	1.71427
1 1 10 0	1.69134		1 14	9	2	1.73942
1 2 1 3	1.10735		1 15	3	3	1.76495
1 2 5 3	1.12360	10	1 15	10	0	1.79085
1292	1.14000	100	1 16	4	0	1.81713
1312	1.15652		1 16	IC.	2	1.84379
1 3 5 3	1.1737	-/ -	1 17	5	0	1.87085
1 3 9 3	1.19102	11	1 17	11	2	1.89530
1 4 2 0	1.20849		1 18	6	1	1.92615
1461	1.22623		1 19	1	0	1.95442
1 4 10 2	1.22422	Service .	1 19	8	0	1.98310
1 5 3	1.25245	12	2 0	3	0	2.01220
1 5 7 2	1.23100		2 0	10	C	2.04172
1 2 11 3	1.299	1 6 14	2 1	5	1	2.07168
16 1 2	1.2188.		2 2	0	2	2.10208
1691	1.13622	13	2 2	5	0	2.13293
1720	1.35786		2 3	3	2	2.16422
176 3	1.37779	T VAN	2 3	11	1	2.19598
1 7 11 3	1.39800		2 4	6	3	2.22821
1 8 4 2	1.41552	14	2 5	2	3	2.26090
189 2	1.43933		2 5	10	2	2.294cS
1 9 2 2	1.46045		2 6	6	3	2.32774
1 0 7 3	1.48188		2 7	3	0	2:16190
1 100 3	1.50363	15	2 7	11	1	2.35050
1 106 0	1.52569		2 8	5	1	2.42172
1 10 11 2	1.54808	+ 9 .	2 9	4	1	2.46741
1 11 5 0	1.57080		2 10	0	31	2.50361

FI-

A Table shewing the Increase of one Pound or 20 Shillings, in any number of Years, Halves, and Quarters, at the Rate of 61. per Annum, Compound Interest, for 31 Years: Both in Vulgar Coin or Numbers, and in Decimal Parts or Fractions.

	V.	olgar (D	ecima	1		1	1	Vulga	r Co	oin.	Decima parts.
16	2		9		5403			2	4 4		11	3	4.04893
1	2	11 6		3 2.	5776	3		1	14		2	C	
	2	12		3 2.	6154	5			14		4	2	
1	2	13 1		0 2.	6538	3		-	4	4	7	0	4.22980
17	2	13 1	0	1 2.	6917	7		2	5 4	5	10	0	4.29187
1	2	14 7		3 2.	7322	8			14	7	1	1	4-35485
1	2	15 5			7723				14	. 8	4	2	
1	2	16 3	1		8130			-	14	9	8	0	4.48359
10	2	17 1	. (0 2.	8543	1		26	14	10	11	3	4.54935
	2	17 1	I	1 2.5	962:				14		4	o	4.61614
	2	18 9	1	1 2.9	9387:	1			14	. 13	8	1	4:68387
	2	10 1	0 0	2.9	3184	1			14	15	0	3	4.75261
19,	3	0 6	C	13.0	2560	1		27	14	16	5	1	4.82235
!		1 5		3.0	6999			-	14	17	·io	1	4.89311
	3	2 3	. 3		1504			1	14	19	. 3	3	4.96491
	3	3 2	2		6077			1	15	0	9	0	5.03776
20	3	4 1	3	-	0713	1		128	5	2	2	3	5.11169
-	3	5 1	. 0		5419			1	15	3	9	01	5.18670
	3	6 0	2	3.3	0195	1		1	15	5	3	0	5.26280
		7 0	1		5040	1 .		1 .	15	6	9	3	5.34003
-		7 5	3	-	9956	-		29	5	6	4	2	5.41839
13	,	8 11	3		1945	1	-11	1-7	5	9	10	1	5.49190
13	,	100	0		0007	1		1	5	11	6	3	5.57857
13		11 0	. 1		51.42			1	5	13	2	2	5.66043
	-	-		-	354			-	-		- ~	_ 1	5.74349
22 3		12 0	3	3.60	641			30	5	14	10	3	5.82777
3		4 2	2		007			1	5		3		5.91328
3		5 3	2	3.76					6		3		6.00005
								-	-	-		- 1 -	6.08810
3 3		6 4	3	3.81	975			31	6	1 9	9	1	0.00010
3		76	1	3.87	760							-	
3		8 7	3	3.93			1					1	No.
. 3	. 1	99	31	3.99	301	-				* 5		-	

meerning the Taking or Renewing of Leafes belonging to Shil-Deans and Chapters of Cathedral; or of Heads and Fel-Quar-lows of Colledges in both Universities.

HE Rate of Interest for the Letting or Renewing of Leases of Church and Colledge Lands is between 11 and 12 l. per Cent. per Compound Interest; for 11 l. is too much, and 12 l. is too little; the real Rate is 11 l. 11 s. 8 d. 1q. and 1 parts of a Farthing.

Decimal to much do the Tenants that hold Leases of Church and Colledge-parts.

10, make of their Money in so laying of it out. And according to laying a late this Table is calculated.

A Table ready cast up, shewing what Fine must be given, to make up any number of Years (expired in an old Lease) 21 Years, to commence presently.

.16863

Years to be added	Years un-	No.	Years.	Quarters.	iers.
1	20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5	1	10	0	
v 2	19	13. 15.	0	0	3
What Fine must be given to renew or add	. 18	1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 2 3 0 0 1 2 0 1 2 0 2 1 0 3	1 3 1 3 2 0 0 3 3 3 0 1 2 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1
5 4	. 17		0	1	3
8 5	16		0	2	2
8 6	15	3	0	3	0
2 7	14	2	1	0	0
2 8	13	7	1	0	3
E 9	12	Make them up 21 Years?	1	1	3
P 10	Years to	0	1	2	3
11 00	10	2	2	0	0
£ 12	9	E	2	1	. 1
3 13	8	- 5	2	2	3
E 14	7	×	3	0	2
E 15	. 6	Ma	3	2	1
16	5		1 2 2 2 3 3 4 4 5 6	0	2
17	4	1	4	2	3
3 18	3		5	1	1
19	. 2		6	0	1
20	1	3.4	6	3	2

Ff 2

The Vie of the TABLE.

Example I.

What Fine must be given, to add 7 Years to 14 Years of a Lease unexpired, to make it up 21 Years?

Ook in the first Column of the Table for 7 Years to be added, against which you shall find 14 Years unexpired (both which make 21 Years) and against them you shall find a Years, and so much Fine must be given to add 7 Years to 14 Years, to make it up 21 Years.

Example II.

What Fine must be given to add 13 Years to 8 Years unexpired, to make the Lease up 21 Years?

Ook in the first Column for 13 Years, against which flands 8, and against both of them, there flands Cal 2 Years, 2 Quarters, and 3 Quarters of a Quarter, let the Rent be per Annum what it will. So if the Rent be 20 l. per Annum, the Fine will be 76 l. 17 s. 6 d. For

	5.	d.	
2 Years Rent is	00	00	
Half a Years Rent is-15	00	00	
3 Quarters of a Quarters Rent is 1	17	06	
Their Sum—76	17	05	

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The SCEOND PART:

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Years Years

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SECT. III.

CONTAINING

TABLES and BREVIATS

of Compound Interest of divers kinds.

ands Calculated to several Rates of Interest, and do require the Aid of Arithmetick in their Use and Operation.

Ff 3

A Table shewing how much 100 L with all its Increase (by means of Compound Interest) will Annually amount unto; from One, to 31 Years, at all these Six Rates of Compound Interest, viz. V. VI. VII. VIII. IX. and X. per Cent. per Annum. Compound Interest.

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30.5								_
	At V. per C.		At VI.	per C		At VII	.per C	ent.
. 1	5. 6. 3.	a	1.	5.	de	2 1.0x	5.	d.
7	105 0	0	106	0	0	107	0	0
2	110 4	6	112	7	2	114	9	10
3	1115 15	3	119	2	0	122	10	1
4	121 113	-0	126	4	II	131	1	7
5	127 12	3	133 -	16	5	140	5	1
6	134 .9	2	141	17	0	150	1	C
7	140 14	2	150	7	3	160	-11	7
7 8 4	147 14	11:	1159	7	3	171	16	4
9	155 2	8	168	18	11	183	16	11
10	162 16	10	179	1	8	196	14	-4
11	171 0	8	189	16	170	12103	9	4
12	179 11	8	201	4.	4	225	4	4
£ 13	165 11	1	213	5	IO	240	19	15
13 14	1 197 19	101	226	í	09	257	17	-
× 15	207 17	io	239	13	i	275 .	18	1
6 16	218 5	9	254	0	18	1295	4	4
	229 4	0	269		6	315	17	1
9 18	230 13	3	285	5	6 8	337	19	10
The Number 12 12 12 12 12 12 12 12 12 12 12 12 12	252 13	11	302	11:	2	361	13	-
u 20	265 6	7	320	14	2	386	19	4
= 21	1 278 11	11	339	18	9	414	1	1
22	292 10	6	360	7	0	443	0	10
23	307 3	1	381	19	5	474	1	c
24	322 10	0	404	17	10	507	4	8
25		8 1	429	3	11	542	14	10
26			454	18	11	580	14	
27		4	452		10	621	7	9
28			511	4 3		664	17	5 3
29	1 21	3	541		7	711	8)
	411 12	11	574	7	2	761	4	2
30		- 1	-	-	man or 1			_
31	453 16	1 1	608	16	5	814	9	11

Table shewing how much 100 l. with all its Increase (by means of Compound Interest) will Annually amount unto; from One, to 31 Years, at all these Six Rates of Compound Interest, viz V. VI. VII. VIII. IX. and X. per Cent. per Annum. Compound Interest.

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VII.

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Cent.

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	AtVI	II per	Cent.	1 At IX	. per	Cent.	At X	per	Cen
	1.	5.	d.	1.	s.	d.	1.	3.	-
1	108	0	0	109	0	0	110	0	-
	116	12	9	118	16	3	121	0	
3	125	19	5	129	10	1	133	2	
4	136	0	11	141	3.	2	146	. 8	
5	146	18	8	153	17	3	161	1	
56 78	158	13	9	167	14	2	177	7	
7	171	7	8	102	16	1	194	17	1.5
8	185	1	10	199	5	2	. 214	7	
9	199	18	0	217	3	9	235	15	1
10	215	17	10	236	14	8	259	7	
ır.	233	3	3	258	0	10	285	6	
12	251	16	4	281	5 .	4	313	16	1
13	271	19	3	306	11	7	345	4	
14	293	14	4	334	3	5	379	15	
15	317	4	4	364	4	11	417	14	
16	342	11	11	397	0	8	459		1
17	370	0	0	432	15	3	505	8	1
18	399	12	0	471	14	3	555	19	1
9	431	11	5	514	3	4	611	11	1
0	466	1	11	560	3	10	672	15	
1	503	7	8	610	17.	8	740	0 .	
12	543	13	1	665	17	2	818	12	
3	587	2	11	725	15	9	895	5	
4	634	2	4	791	2_	2	984	19	
5	684	16	11	862	6	2	1083	9	
6	739	12	8	939	.18	3.	1191	16	
7	798	16	1	-1024	10	2	1311	G.	. (
8	862	14	2	1116	14	3	1442	1	
9	931	14	6	1217	4	3 5	1506	6	1
01	1006	5	3	1326	15	4	1744	18.	10
1	1086	15	4	1446	3	6	-1919	8	

A Table shewing the Increase for 100 L. Annuity of Yearly Rent, for any term of Years under 31, at the several Rates of V. VI. VII. VIII. IX. and X. per Cent. per Annum. Compound Interest.

AT

Y th

) A	At V. per Cent			1 At VI	PATE	At VII.per Cene			
	1.	5.	d.	1.	3	d.	160	1	d
- 1: 10	00	0	0	100	10	· O	100	0	ò
2	5	0	3	206	0	. 0	207	0	0
3	15	5	. 0	318	7	2	351	9	9
4	31	0	3	437	8	7	443	19	11
	52	13	6	563	13	8	575	I	6
6	30	6	2	697	9	11	715	6	7
8	14	0.	6	839	6	11	865	8	1
9	55	0	10	989	14	2	1025	19	7
	102	15	10	1149	1	II.	1197	15	11
1:	57	18	8	1318	0	10	1381	12	10
14	20	16	7	1497	2	6	1578	7	2
1	191	17	5	1686	19	0	1788	16	10
	71	9	4	1:58	3	4	2014	.1	3
19	60	0	9	2101	9	2	2255	I	0
	58	0	10	2327	10	11	2512	18	0
	65	13	10	2567	4	0	2788	16	. 1
24	34	4	9.	2521	4	7	3084	0	5
	13	9.	0	. 3090	10	1	3399	18	0
	54	2	6	3375	.18	8	3737	17	11
	106	16	7	3678	9	10	4099	11	11
	72	3	5 -	3977	4 .	1	4486	10	4
	50	15	7	4339	3	1	4900	11	5
	42.	6	4	4699	10	0	5343	12	3
11	10	8	8 -	5081	0	5	5817	14	4
	71	16	1	5 86	7	2	6324	18	0
	10	10	O	1915	10	10	6867	12	10
	66	0	6	6370	9	6	7448	7	7
	39	6	6	6852	14	0	8069	15	4
62		5	10	7363	17	3	8734	13	0
66	42	17	2	2905	14	9	9446	1	6
20	75	0	0	6400	· O		10207	-	0

Yearly Rent, for any term of Years under 31, at the feveral Rates of V. VI. VII. VIII. IX. and X. per Cent. per Annum. Compound Interest.

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1	AtVIII per Cent.	At IX. per Cent.	At X per Cent.
Rose II	P	1. s. d.	1. s. d.
	100 6 0	100 0 0	reo o o
2	208 0 0	209 0 0	210 0 0
3	324 12 10	327 16 2	331 0 0
	449 12 3	457 6 3	462 2 0
450	1 404	558 9 5	608 6 2
6		792 6 8	769 2 10
7 8	891 0 3	920 0 11	946 1 1
	1062 6 0	1102 17 0	1146 43 -1
9	1247 5 8	1302 2 0	1354 14
10	1446 1 4	1509 5 10	1590 4
11	1661 15 0	1745 2 7	1849 4
12	1893 13 10	1992 3 9	2134 2 10
13	2145 3 9	1992 3 9	2447 11
14	2416 16 1	2755 18 5	2792 6
15	2710 3 0	2907 13 1	3171 10 1
16	3026 19 2	3209 9 6	3588 13 1
17	3369 2 4	3598 6 6	4047 11
18	3738 13 0	4022 3 0	4552 6
19	4137 14 9	4484 2 11	5107 11
20	4568 15 2 5034 5 2	4957 14 . 4	5718 6
21		1 5536 12 3	6390 2 1
22	1 5537 0 C	6134 18 1	7129 3
23	6079 19 2	6787 0 11	7942 1
24	6666 7 1	7497 17 8	8836 5
25	7299 13 3	8272 13 10	9819 18
26	7983 12 9	9117 4 8	10901 17 1
27 28	8722 6 7	9932 3 8	12029 1
	9520 2 3	10932 3 8	13401 5 1
29		12016 1 8	14841 8
30	11312 5 3	13197 10 7	16425 11
31	12317 5 0	14485 6 2	18168 2

The Use of the Two foregoing

TABLES

I. Of the First Table.

If 100 l. be put out to Use at 6 per Cent. Compound Interest for 17 Years, unto what Sum will it be increased unto?

Ook in the first Column of the Table for 17 Years, and in that Line under VI. per Cent. you shall find 269 l. 51. 6d. And unto so much will 100 l. be increased in 17 Years at 6 per Cent.

		In like	man	ner,	- Trans			
17 4 10 10	Years.	- 4.	1.		L.	S.	d.	
	77		57	per Cent. Compound	T140	14	2	
11 11 11	16		6	Compound	254	00	8	*
If 100 l. be put	13	Vare at	7	Intereft, it	240	19	8	
out for	21	I cars, at	1 0	will be in-	1503	47	8	
THE STREET	5		9	crealed	153	17	3	
JE 7 11	[23]		10	unto	1895	08	7	
12								

II. The

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II. The Use of the Second Table.

100l. a Year Rent or Annuity be forborn for the term of
13 Years, unto what Sum will it be augmented in that
time, Compound Interest being allowed after the Rate of
8 per Cent. per Annum?

Ook for 13 Years in the first Column of the Table, and in that Line under VIII. per Cent. you shall ind 2145 l. 31. 9 d. and to so much will the 100 l. Anmity being forborn 13 Years amount unto.

In-

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The

D. HOLL DE		In like r	nanr	ier.			
as to Link L. E.		Y Table 1818	1.		l.	3.	d.
351 751 000	19	1	557	per Cent.	[1102	15	10
. /	16		6	Compound	2567	4	0
I roo l. Annuity	21	Years, at	7	Interett, it	4486	10	4
be forborn	11	I cars, at	1 8	will be	1661	15	0
	20	dans of	1.9	augmented	4987	14	4
March 198	(13)		110	to	L2447	11	6

The like of any other.

And to these two Uses do these two Tables principally serve.

Some Observations upon the two foregoing Tables.

1. Whereas I find in the Second Table, that 100 l. Annuity or Rent forborn 13 Years, will amount unto 1145 l. 3 s. 9 d. yet I do not say it is worth so much; so, what Man would part with 2145 l. 3 s. 9 d. presently, in hopes to get it up again in 13 Years by 100 l. 14ear?

For.

For, when Money was at 8 l. per Cent. a Lease of 21 Years was accounted (by some) worth but 9 Years and a half Purchase, and by others, 10 Years Purchase; So that 100 l. per Annum Rent or Annusty at the most, is worth but 1000 l. in 21 Years; and that is (as may be found by the Rule of Proportion) but 619 l. os. 11 d. for 13 Years, which is not very much above one quarter of 2145 l. 25. 9 d.

2. It is also fit to be noted, that proportionally, as Money is less valued, so Land is more advanced, or contral So that according to 10 Years Purchase for Rent, Charges, or Annuities for Years, when Money was at 8 per Cent. the Money being now at 6 per Cent. the Purchase must be 13 Years and 4 Months Rent of the Land, or a

So likewise Money being at 8 per Cent. Land for ever used to be sold for 20 Years Rent; but now (if no external Accident hinder) it ought to be sold for 26 Years and 8 Months value of the Rent per Annum. For,

As 61. per Cent. is to 81. per Cent.

So is 20 Years Purchase to 26 3 Years Purchase.

Alfo,

As 6 l. per Cent. is to 8 l. per Cent. So is 10 Years Purchase to 13 and 1.

And the like Analogy or Proportion will hold in other Rates of Interest. As if Money were at 5 per Cent. or 7 per Cent. then

A f is to 8. So is 20 to 33.

Or,

As 7 is to 8. So is 20 to 22 %.

Alfo,

As 5 is to 8. So is 10 to 16.

Or,

As 7 is to 8. So is to to 11 \frac{3}{7}.

And so of any other.

Table of Artificial Numbers (collected out of Samon Stevens Practical Arithmetick) serving as well for Direct as Rebating Interest, at the several Rates of V. VI. and VII. per Cent.

	At V.	At VI.	At VII
	per Cent.	per Cent.	per Cent.
1	952381	943396	934579
2	907029	889996	873439
3	863868	839619	816298
4	822702	792094	762895
5	783526	747258	712986
6	746215	704960	666342
7 8	710681	665057	622750
8	676839	627412	582009
9	644609	591698	543934
10	613913	558395	508349
11	584679	526787	475993
12	556837	496989	444012
13	520321	468839	414965
13	505068	442301	387517
15	481017	417265	362446
16	458111	393646	338735
17	436297	371364	316575
18	415321	359344	291664
16 17 18 19	395734	330513	276505
20	376889	311805	258419
21	358942	294155	241513
22	341850	277505	225713
23	325571	261797	210947
24	310068	246978	197147
25	295303	232999	154249
26	281242	219810	172196
27	267848	207368	160930
28	255094	195630	150402
29	242946	184557	140563
30	231277	174110	131367

A

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ay be 11 d.

A Table of Artificial Numbers (collected out of Simon Stevens Practical Arithmetick) serving as well for Direct as Rebating Interest, at the several Rates of VIII. IX. and X. per Cent.

	At VIII.	At IX.	At X.
	925926	917431	909091
2	857339	841680	826446
3	793532	772183	751315
4	735030	708425	683014
	680583	649931	620921
5	630169	596267	564474
7	583490	547034	513158
. 7	540269	501866	466507
9	500249	460428	424098
. 10	463193	422411	385543
11	428883	387533	350494
12	397114	355535	318631
£ 13	367698	326179	209664
E 14	340461	299246	263331
× 15	315242	274538	239392
5 16	291890	251870	217629
t 17	270269	231073	197845
Number of Years 13 14 15 16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	250249	211994	179859
2 19	231712	194490	163508
20	214548	178431	149684
21	198656	163698	135130
22	183940	150182	122846
23	170315	137781	111678
24	157699	126405	101525
25	146018	115965	092296
26	135202	106393	c539c5
27	125187	097608	c76278
28	115914	089548	c69343
29	107328	082155	063039
30	099377	073571	057309

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The Use of this Table.

Si-

Well

This Table confifteth of Artificial or Decimal Numbers, of which Table 1000000 ii the Radius, and the making of it I could shew in a few lines, but seeing they are already calculated, I shall spare my self and the seeder that labour.

The Numbers in this Table, I say, are Artificial or Decimal, and therefore when any Number is produced by Multiplying or Dividing one of these Artificial Numbers by another, there will be required a Reduction of these Decimal or Artificial Numbers to Natural Numbers, namely, into Pounds, Shillings, Pence, and Farthings; and for that end I have here added a short Table, by which (by Inspection only) Artificial or Decimal Parts of English Coin, may be reduced into Shillings, Pence, and Farthings; and on the contrary, Shillings, Pence, and Farthings into Artificial or Decimal Parts, by the same Table:

The Uses of this Table shall be made plain by Refolving some few Questions thereby.

TABLE of English Coin, Two Shillings being the Integer.

-	-			-	***		4 41 5	1000		
0	0		1	18	0	1.93333		116	0	.06666
	1	.00104			1	.03437	The same of	1	1	.06777
	2	.00208	-		2	.03542	11/2/13	1	2	.0687.
	3	.00312		1	3	.03646		13	3	.06979
1	0	.00416		9	0	:0375 .		17	0	.07083
	1	,00921	100	1	1	.03854		1	1	.07187
	2	.00625			2	.03955			2	.07292
1 - 2	3	.04729		1	3	.04063			3	.07396
2	0	.00833		10	0	.04166	an experi	is	0	.075
	1	.00907		1	1	.04271		1	1	.07604
	2	11010.	W 10 1925		2	.04375		1	2	.07768
	3	.01115		-	3	.04479		1	3	.07813
3	0	.0125		11	0	.04503		119	0	.07917
,	1	.01354		1	1	.04687			.1	.07021
	2	.01458		1	2	.94792	1		2	.08125
	3	.01562			2	.04896		1	3	.05229
4	0	.01666		12	0	.05		20	0	.00333
	1	.01777		1	1	.05164		1	1	.08137
	2	.0187.			2	.05208		1	2	.08542
	3	.01979		-	3	.05312			3	.08646
5	0	.02083		13	0	.05416		21	0	.5975
1	1	.02187			1	.05521		1	1	088851
	2	.02292		-	2	.05625			2	088958
	3	.02996		-	3	.05729		1	3	099063
6	0	.025		14	0	.05833		22	0	.09166
Ting.	1	.02604			1	.05907		1	1	.09271
	2	.02708		1.	21	.06011			2	.09375
	3	.02813			3	.06115		1	3	.09479
7	0	.02917		15	0	.0625.		-	-	
,	1	.03021		,	1	.06354		23	0	09583
	2	.03125			2	.06458		1	1	.09637
	31	.03229	77 1		2	.06562		-	3	.09792
					2,	.00,021		100	3	20%

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pestion 1. What will 500 l. amount unto in 17 Years,
Principal and Interest, at 6 per Cent. Compound Interest?

Miliply 500 l. the Principal, by 1000000, (the Radius of the M Table) the Product will be 500.000000, which you must Diable y 371364 (which is the Number standing against 17 Years in Table under VI. per Cent.) and the Quotient will be 1346144452, m which Number cut off six Figures towards the right hand, and mit will be 1346.144452, which four sigures towards the less thand, nely, 1346, are Pounds, and the six sigures towards the right hand, and, 144452, are parts of a Pound, and may be reduced into 7 s. 129. by the help of the Decimal Table. So that you see, that all Principal and Interest in 17 Years will amount unto 1346 l. 7 s. 129.— This manner of Working will effect any Question of this pare, which exceeds not the Tables in term of Years, or Rates of stess.

and note here, That if 13461. 7 s. 8 d. 2 q. were due to be received 17 Years hence, it is (or may be called) equivalent, to the receiving of 5001. in hand, that is, such a Reversion is worth

500 l. in Ready Money.

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Years, and Money at 8 per Cent. to be accordingly Rebated, bow much is this worth in ready Money?

ook in the Table of VIII. per Cent. for the Number standing against 21 Years, which you shall find to be 128655, multiply this 1000, the Principal, the Product will be 158650000, which Divide the Radius of the Table (and that is done by cutting off the fix sigures towards the right hand) the Quotient will be 198/55000, 2 is, 198 1. and 656 Decimal parts of a Pound, which reduced is 1.1d. 24. And so much ready Money will satisfie for the 10001.

Quest. 3. If 1000 l. be to be paid at the end of 7 Years, Q and 500 l. more two Years after that, what shall both these be worth, being forborn till the end of 12 Years, at 6 per Cent?

BY the Second Question before going, find what both the Sums, namely, 1000 l. forborn 7 Years, and 500 l. forborn 9 Years, are worth at the end of their proper terms, and you shall find that

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Which is all that both of them are worth in ready Money?

This done, Secondly, (by the Second Question) find what 961.006350 l. ready Money will be worth 12 Years hence, Rebating Justice at 6 per Cent. and you shall find it to come to 478.477810 l. which reduced is 478 l. 9 s. 6 d. 2 q. for the worth of both, which was required.

Quest. 4. If there be due in ready Money 500 l. which at the end of 20 Years will increase, and be 2330.477015 l. what is the Rate of Interest?

M Ultiply the Radius of the Table 1000000 by 500 l. the Product will be 500000000, which Divide by 2330.477015, the Increase

in 20 Years, the Quotient will be 214548. This done,

Look in the first Column of the Table for 20 Years, and look along that Line till you find 214548 (or the nearest Sum thereunto) and so looking along you shall find your just Number to stand against 20 Years in the sourch Table under VIII. per Cent. which shews that the Rate of Interest was 8 per Cent.

Quest. 5. If one Receive 1000 l. for Compound Interest at the Rate of 10 per Cent. for 7 Years; how much was the Principal Sum?

Ook in the Table of X. per Cent. for the Number which answers to 7 Years, and you shall find it to be \$13158, which Substract from the Radix of the Table 1000000, and there remains 486842. Then Multiply \$13158, the Number in the Table, by 1000, the Money received, the Product is \$13158000, which Divide by 486842 (the Number remaining) the Quotient will be 1054.056600, which reduced is 1054.1 s. 1 d. and somewhat more. And so much was the Principal Sum.

Quest.

Years, Quest. 6. If 1000 l. be due at the expiration of a certain number of Years, and the Creditor instead of it takes 1001. ready Money, Rebating or Difcounting Compound Interest at 8 per Cent. at the termination of what Years was this at first payable?

Multiply the Radius of the Table by 100, the Product is 10000000, which Number or the nearest unto it) being sought for in the Table of VIII. per Cent. will be found to fall near 30 Years; that is, the time here fought for salmost 30 Years.

bating Quelt. 7. If 1000 l. be due at the end of 4 Years, and the Parties agree to have it paid at four Yearly Payments, 250 l. at each Years and; bow much must be paid at each Payment? Rebate being made at 6 per Cent.

L Cok in the Table of VI. per Cent. for the Number standing a-gainst 3 Years, which is 835619, which multiplyed by 250, poduceth 209904750, which divided by the Radius of the Table, by ating off fix figures to the right hand, it will be 209.902750, and at reduced will be 209 1. 18 s. and 1 d. for the first Year's l'ay ment. 2. In the same Table against 2 Years is found this Number 88,996, which multiplyed by 250, the Product will be 222499:00, from which a figures cut off to the right hand, there will remain 222.199000, wich reduced is 222 l. 9 s. 11 d. 39.

3. Against I Year in the same Table I find 943396, which multihed by 250, produceth 235.849000, which reduced is 235% 16s. 14. 39. for the third Payment.

4 Laftly, The Fourth Payment must be the full fourth Part of the tool. viz. 250 l. for that being paid in its due tine, is liable to no

The Second Payment is Second Payment is Second Payment 18 9 16 11 (Fourth Payment) (250 The Sum of the Payments-918

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SUPPLEMENT:

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The Construction and Use of the two BREVIATS, the one at the Rate of 6, and the other at the Rate of 8 per Cent. Compound Interest. By which Brevists the Questions performed by the foregoing Tables (and some others) may be resolved by Arithmetical Calculation.

H E foregoing Tables (both of Simple and Compound Interes) at 61. per Cent. per Annum, are ready cast up, and the Decimal Parts reduced to English Coin, viz. to Pounds, Shillings, Penc, and Farthings; so that the Questions wrought by them are effected (for the moti part) by Inspection only, and in any Case by the help of Addition and Substraction, which every Man (almost) knows how to perform.

But (no withflanding those Tables) I shall here add two BRE-VIATS, the one at the Rate of 6, and the other at the Rate of 8 per Cent. Compound Interest for 3t Years. By which Breviats, and the help of Multiplication and Division, most Questions concerning Anato-

cijm, or Compound Interest, may be resolved.

	The		1	The
BRE	VIAT		BRE	VIAT
. 1	For	1	1	For
VI. p	er Cent.		VIII.	per Cent.
Years.	Decimal parts of 1 l.		Years.	Dec mal
1	1.0600		-	1.0300
2	1.1236		2	1.166
3	1.1910		3	1.259
4	1.2625		4	1.3602
5	1.3382		5	1.4693
6	1.4185		-	1.5868
7 8	1.5036		7 8	1.7138
8	1.5938			1.8509
9	1.6895		9	1.999
10	1.7908		10	2.1589
11	1.8983	-	11	2.3316
12	2.0122	1		2.5181
13	2.1329	1 9 1	13	2.7196
14	2.2609		14	3.172)
15	2.3965	. 34.54	-	
16	2.5403		16	3 4259
17	2.8543		17	2.9960
19	3.0256		19	4.3151
20	3.2071		20	4.6609
21	3.3996		21	5.0338
22	3.6035		22	5.4365
23	3.8197		23	5.8714
24	4.0489		24	6.3411
25	4.2919		25	6.8484
26	4.5494		26	7.3963
27	4.8223		27	7.9880
28	5.1117		28	8.6271
29	5.4184	102	29	9.3172
30	5.7435	111/11	30	10.0626
31	6.0881		31	10.8676

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The Construction of these Breviats.

THE Principal Noney it self (as here in these Breviats, I suppose it to be 1 t. or 20 s.) with its Presit for a Year (be the Presit for the 100 t. either 5. 6, 7, 8, 9, 10, 60. lib. per Cest.) multiplied in it self, produceth the Principal and Increase of the Lid Sum, (viz 1 t.) in one Year — And the Product of that Multiplication multiplyed again by the Principal with its Increase in one Year, produceth the same Sum, and its Increase in two Years, & see.

Example.

I. For the BREVIAT of VI. per Cent.

rob (which is both the Principal and Increase of 100 l. for one Year) with two Cyphers added towards the right hand, makes 1.6500, and is the Number standing against the first Year in the Breviate.—Again, that Number strict 1.6600) multiplyed by 106, produceth 1.1236, which is the Number in the Breviate standing against the second Year — Again, Thirdly, Multiply this Product 1.1236 by 106, the Product will be 1.1910, the Number standing against the Third Year, 57.

Mote, 1. That 1 1236, being multiplied by 108, produceth 1.191016, but I cut off the two last figures towards the right hand (b. cause there are but four figures beyond the Comma (or Point) in

the Table, and to the Number is only 1.1910.

More. 2. That the figure which stands on the left hand of the Comma (or Point) is the fetteer or Principal increased (viz 11) and the four figures towards the right hand, the Fraction Paris of a Lound.——And note farther, That I shall hereaster call that figure (or figures) which stand on the left hand of the Comma (or Point) the Lit ger, Indiess, or Characteristics.

Examples of both Breviars.

I. For VI. per C nt.	II. Fo VIII. per Cent.
10600 Firit Year.	10800 First Year.
106	108
6,600	86400
10 000	*108000
1.1236bo Second Year.	
1.5.	108
67416	92312
11110	11:640
Layled some Year.	1.259712 Third Year.

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The Use of the Breviats.

Quest. 1. What will the Use of 20 s. or 11. in 15 Years amount unto, at 8 per Cent?

THE Number against 15 Years is 3.1721. From the Indices or Characteriftick 3, fubifract 1, and it is 2.1721, cut off four fiares to the right hand, and the fime 2 to the left hand is 2 l. Then mitiply the remainder 1721 by 20, te Product is 3.4420, cur off four jures, and the 3 to the left hand is 1. Then multiply 4420 by 12, the hodust will be 5.3040, cut off four igures, and the 5 to the left hand is d. and 3040 remaining, which mulply by 4, the Product is 1.2160, at off four figures, and the 1 to the hit hand is I Farthing, and the re-

minder 2160 is part of a Farthing. So that in 15 Years 20 s. will be Increased to 2 1. 3 s. 5 d. 1 q.

3.1721 Pounds-2,1731 Shillings-3.4420 8440 4420 Pence-5.3040 Farthings-1.2160

Quest. 2. What is 205. or 1 l. worth for 20 Years, at 8 per Cent?

THE Number in the Breviate against 20 Years is 4.6609, substract 1 from the Indices, and it is 3.6609, then add a Cypher to the right hand, and cut off four figures, then will it stand thus, 36.6090. The Deduct 1, and it is 36.6090 36 to the left hand is Pounds, the re- add a Cyph. minder 6090 multiplyed by 20 makes 121800, cut off four figures and it is 12.1800, the 12 to the left hand is 12 Shillings, and the remainder 1800 multiplyed by 12, and four figures cut off, makes 2.1600, the 2 on the left mud is 2 Pence, and the remainder 1600 mulciplyed by 4, and four figures throff, is .6400, that is -4 parts of 1 Farthing. In ell 36 1. 12 s. 2 d. 0 100 9.

Shillings-12.1800 12 3600 Pence-2.1600 Farthlings - . 6400

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Quest. 3. What is 20 s. or 11. Annuity for 7 Years worth in ready Money, at 8 per Cent?

THE Number against the seventh Year in the Breviate (the Characteristics or Indices omitted) is .7138, place a Cypher to the

right hand, and it is 71380, divide this Number by 17138 (the Number against 7 in the Breviate) and the Quotient will be 4, and the remainder 2828, the 4 in the Quotient is 4.1 and the remainder 2828 multiplied by 20, and four figures cut off, produceth 5.6560, the 5 is 5.5 and four figures cut off, produceth 7.8720, the 7 is 7 d. and the remainder 8720 multiplied by 4, giveth 3.4880, the 3 is 3 Farthings, and the remainder almost half a Farthing. So that the Annuity is worth 4 l. 5.5 7 d. 3 4 \frac{1}{2}.

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Quest. 4. What will the Use of 3401. 13s. be for 7 Years, Interest upon Interest at 81. in the 1001. for a Year?

R Educe the 346 L 135, into Shillings, it makes 68135, which multiply by .7138, the seventh Number in the Breviate (the Indices

34c l. 13	s. 6913 7138
6513 s.	54504 20439 6513
	47691

excepted) and it produceth (four figures to the right hand being cut off) 4863.1194. The 4863 towards the left hand are Shillings, which make 243 l. 3s. Then multiply the remainder 1194 by 12, it produceth 1.4328, the 1 to the left hand is 1 d. and the remainder 4328 multiplyed by 4, produceth 1.7312, the 1 to the left hand is 1 Farthing, and the remainder

sinder 7312 is almost of a Faring. So that the Use of 340 l. 13 s. 18 in the Hundred, Compound Inmest, will in 7 Years come to 243 l. 16 1 d. 1 q. 3.

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Quest. 5. What will the Use of 1381. 178. 2d. amount unto in 3 Years, Compound Interest, at 8 per Cent?

D Educe the 138 l. 17 s. 2 d. into A Pence, and it produceth 33326 face. Multiply this Number of Pence 1 2597 (the Number against the Third Year in the Breviate, the Inics excepted) and the Product will 2 8654.7622, from which four fipres being cur off, the 8654 towards te left hand are Pence, which make 421. 4s. and the remainder 7622 sultiplyed by 12, and four figures cut of, produceth 9.1464, the 9 is 9 d. and the remainder 1464 mulciplyed 74, and four figures cut off, prowhich .5856, which is o Farthings, at somewhat above half a Farthing.

138 1. 17 5.	2 d.	33326 2597
2777 s. 12		233282 299934 166630 66652
2778 33326 d.		8654-7622
432 1. 45.	9 d. c	7:

Queft.

Quest. 6. What will the Use of 101. 105. 10d. 1 q. arife unto in 2 Years, accounting Interest upon In- Due terest at 8 per Cent?

Reduce the 10 l. 10 s. 10 d. 1 q. into Farthings, and it will produce 10121 Farthings, which multiply by the Third Number in the Brevate (without the Indices)

10 l. 10 s. 10 d. 1 q. 2597, and the Product will be, the four figures to the right hand cut off, and the control of the four figures to the right hand cut off, and the control of the four figures to the right hand cut off, and the control of the cont

2628 4237, the 2628 are Farthing, which reduced, make 2 l. 143. 94 he and the remainder 4237 is 40 of a lick IOILI 2105. 2597 12 Farthing, which is almost half a Far- who thing. And fo the Use of to l. 101 int 70847 430 10 d. 1 q. in 3 Years will be 2 l. 141. phe 93019 210 9 d. 1 q. at 8 per Cent. Compound hat 50605 20242 2531 d. Intereft. 2628.4237

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x1(9d. (1s. 2828 657 5(4 21. 444 122

10121 9.

Unto what Sum will 301. 135. Principal and Interest, be increased unto in 4 Years, at 8 per Cent. for a Year Compound Interest?

THE 30 1. 13 5. reduced into the 301. 135. Shillings is 613 s. This multi- lum 20 plyed by the Fourth Number in the lum Breviare 13604, produceth (four fi-40812 613 5. gures being cut off) 833.9252. The four 1,601 833 on the lett hand of the Point are 81624 833 Shillings, which reduced make 41 1. and 13 s. and the remainder 9252 muit-833.9252 pled by 12, produceth 11 Pence, and 41 6 13 s. 11'd. 12 1024 remaining, which multiplyed by 4, produceth .4096, that is almost 18504 half a Farthing. So that 30 l. 131. 9252 in 4 Years will be increased unto 41 !. 135. 11 d. 1 q. at 8 per Cert. pir 11.1024 Annum, for a year, Interest upon Intereft. Queff. . 4006

Unto what Sum will 2501. 185. 9d. Princion In- Dueft. 8. pal and Interest, amount unto in 6 Tears, at 8 per Cent?

ill pro. mber in rile 2501. 185.9d-reduced, produceth ndices)
be, the hyd by the fixth Number in the cut off, white (viz. by) 1.5858, and four things things, are cut off, produceth 95549.1620.

3. 94 le 95549 on the left hand of the like or Gomma are Pence, which a Far- muced, do make 3981. 25. 5 d. 1. 101 Mithe remainder 1620 being mul-1. 141. pled by 4, produceth 6480, formenpound has above half a Farthing. So that pl. 18 s. 9 d. in 6 Years will be a 8 per Gent. Compound Intereft) mented unto 398 l. 2 s. 5 d. 1 q.

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2501.18 1.	94. 60215
20	13868
5018	481725
12	361290
	181720
10035	301075
5018	60215
É0215	95549.1620
	4
	. 6480

TZP 2772 5XX 95549 (700) 2(2981 42222 2220 FFF

Quest. 9. Unto what Sum will 100 l. of a pound, and of a Penny be increased unto in 11 Years, Principal and Interest, at 8 per Cent. for a Year?

THE of a Pound, or 20 s. is 13 s. 8 per 4 d. of a Penny is 3 Farthings the Sum entire is 100 l. 13 s. 4 d. Which reduced into Farthings, ukes 96543 Farthings. And this lumber multiplyed by 2 3316 (the lumber standing against the 11 Year athe Breviate) the Product will be our figures to the right hand cut off) 115332.8183, the 225332 on the left te 41 l. and of the Point or Comma, are Fartings, which reduced, makes 234 %. 4s. 5 d. oq. And in much will roo L. 131. 4 d. 37 be augmented unto in Years, at 8 per Cent. Compound

2013 3.	23316
4030 2013	579851 96643 289929
2416c d.	28,9929 193286
96643	225332.818

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Quest. 10. What will 127 l. (Use and Principal) be at the end of 7 Years?

Multiply the Number standing against the 7th. Year in the Table, by the Principal 127 l. and cut off sour sigures, so shall you have the Pounds. The remainder multiply by 20, and cut off sour sigures, so shall you have the Shillings. The remainder multiply by For 12, and cut off sour sigures, so shall you have the Pence. The remainder then multiplyed by 4, and sour sigures cut off, gives you the life. Farthings, and the remainder is the 10000 part of a Farthing.

	n. Number Principal	1.7138
		119966 34276 17138
	Pounds	217.6526
	Shillings	13.0520
		052
	Pence	c:6240 4
Parts of	Farthings a Farthi	2.4960 ng .495

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Quest. 11. 500 l. is to be paid by 50 l. per Annum, bow much Money will pay it presently, at 8 per Cent. per Annum Compound Interest Rebated ?

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all your HE 500 l. by 50 l. a Year will be 10 Years before the last Payiply by from the 10th. Number in the Breviare, deduct 1 out of the Indices. The re. m it will be 1.1589, to which add a Cypher, it makes it 1.15890,

you the wich Number multiplyed by 50 1. the Annual Payment, and the Proof will be 5794500, which divide by the whole 10th. Number in the ble (viz. by) 2.1589, and the Quotient will be 2681. and 8648 maining, which multiply by 20, and four figures cut off, gives 17 s. at 1950 remaining, which multiply by 12, it produceth 3 d. and 5520 maining, the which 5520 multiply by 4, and it will produce 2 Farings, and 208 parts of a Farthing. So that 258 1. 17 s. 3 d. 2 q. ment Money, will fatisfie the 500 %, which was to be paid by Annual nments so l.

The 10th. Number - 2.1589 21589)5794500(268 1. Deduct 1_____ 1. ----1.1589 43168 which add a Cyph. 1 15890 147670 thirtply by 50 L. Facit-5794500 129534 181360 172612 Remainder-8648 Multiply by 20- 20 Shillings-17.2860. 12 5920 P.nce-3.5520 Farthings-2.2080

iest.

Quest. 12. What Annuity, to continue 21 Years, will 3001. Purchase, at 8 per Cent. Compound Interest?

Rom the 21 Number in the Breviate substract 1 from the Indices, and to the remainder add a Cypher (as in the last) and multiply the 21 Number (viz. 5.03380) by 300 l. the Product will be 151014000 which divide by 40338, and the Quotient will be 37 l. and of a Pound, which is 8 s. 1 d. And such an Annuity will 300 l. Purchase for 21 Years.

The 21 Number-	5.0338
Deduct 1	1.
Remains -	4.0338
To the 21 Numb add a C	
Multiply by 300 l.	30
	ISIOLAGG

40338)151014000(37.43

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3001 Quest. 13. What Annuity for 24 Tears is worth 2501. 10 be received at the end of 4 Years?

ndices , M Ultiply 250 L. by the Radix of the Table (viz. by 1.0000) and it makes 2500000, and this Product multiply by the nulciply will be uth Number in the Breviate (viz. by 6.3411) it will produce 18527500000 for a Dividend.

2. Substract I from the Indices of the 24th. Number, and add a

lipher to it, and it will be 5.34110.

1. and

1 300 1.

ieff.

3. Multiply this 534110 by the Number against the 4th. Year (viz. 1) 1.3604 (because the Money was to be paid at the end of 4 Years) athe Product will be 7266032440 for the Divisor.

4 Divide the one by the other, the Quotient will be 21 1. and 194 wis of a Pound, which in Shillings, &c. is 16 s. 4 d. 3 q. almoft.

> 250 1. by 10000 Produceth-2500000 The 24th. Number 63411 Multiplyed by -_____2500000

> > 31705500000 126822

Numb of the 24th. Year 6.3411 Deduct 1 ---- 1.

Refts-53411 To which add a Cyph. -534110 Numb. of the 4th. Year 13604

> 2136440 32046600 1602330 534110

7266032440 7266032440)158527500000(211.

> 14532064880 13206851200 726 6032440 59: 08:3760

Queft.

Quest. 14. What will 35 l. amount unto, it being forborn 6 Years?

For the first Year count 351, and for the five other Years, set the Numbers standing against the five first Years in the Breviate, as is done

	6.3358	Sum.
5	1.4693	
4	1.3604	
3	1.2597	
2	1.1664	
1	1.0800	
1.	100	10

6.3358	
316790 190074	
2217530	
7530	
15.0600	
1200	
0.7200	
2/3800	

in the Margin; and add them together, their Sum is 6.2358. Multiply this Sum by 35, the Money forborn, and the Product will be 2217530, and four figures being cut off, it will be 221.7530, that is, 221 L for the five years after the first year, to which if you add 24 4 for the first year, the Sum will be 256 l. - Now multiply 7530 (the four figures cut off) by 20, and cut off four figures, It giveth 15 s. and o600 remaining, which multiplyed by 12, produceth 0.7200, that is, od. and this Number multiplyed by 4. giveth almost 3 q. viz. 2 28 parts of a Farthing. So that 35 l. forborn 6 years, will amount unto 256 1. 15 s. od. 29 88

La

The End of the Second Part.

The THIRD PART.

done hem 358. the Pro-

four Il be for first 35 4

will riply off) ures,

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mulmoft Far-

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ГАВLЕS

leady Cast up, for the Measuring of Superficies, and Solids:

AS,

Land, Board, Glass, Pavement, Wainscot, &c.

A N D
Timber, Stone, &c.

A Table (ready computed) by which you may know how many Feet or Inches, and renth parts of an Inch in length, will make a Superficial Foot, of any Plank, Board, Pane of Glas, Paving, Painting, &c.

	Inches.	Feet.	of Inches.
The Steadth of the Board, Plank, Glafs, Oc. in Inches. 29 42 62 62 62 62 62 62 62 62 62 62 62 62 62	126 4 32 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30 0 0 0 0 4 0 8 6 4 2 1 0 110 9 9 8 8 7 7 6 6 6 6 5 5 5 5 5 4 4 4 4 4 4 4 4 4 4 4	The length of a Foot Square, in Fect, Inches, and 10th, parts of Inches.

The Use of the Table.

Example 1. If a Board Plank, or the libe be 8 Inches broad, how much thereof i length will make a Square Foot?

T Ook in the first Column of the Table for 8 Inches, against which you shall find 1. 6. o. which is I Foot 6 Inches and fo much in length of that Board, &c. will make a Square Foot.

Example II. A Free-fone Parement is 2 Foot 7 Inches (1 e. 31 Inches) broad; how much thereof in length will make a Square Foot ?

Look in the first Column of the Table for 31 Inches, against which you shall find ! o. 4. 7, which is o Feet, but 4 Inches, and is 7 teath parts of an Inch. And fo much ! will make a Square Foot.

Example III. A Piece of Plane is 12 Fort 9 Inches long, and it is broad at one end How much thereof in length (through the whole) will make a Square Foot? And, how many Square Feet be there in the Plank ?

In respect the breadth at both ends are different, add them together, and take 2 their half for the mean breadth; fo 23 2 2 Inches and 17 Inches added, make 40 Inches, the half whereof is 20 Inches; for which look in the Table, and against 20 in the first Column you shall find o. 7. 2, that 2 is, 7 Inches, and 2 tenth perts of an Inch; and fo much in length will make a Square Foot throughout the Plank. - Now the Plack being 12 Foot 9 Inches long, If you take in a pair of Compasses 7 Inches, and 2 tenths of an Inch from your Rule, and run that distance from End to End of the Plank, you sha'l find 21 of those Jengths; and fo many Square Feet are contained in that Plank.

2

3

Table (ready Computed) for the Measuring of Board, Glass, Pavement, by Feet Wainscot, or any other Superficial Measure; from one to 36 Inches broad, and from one to 20 Foot in length; Or to any greater Length of Breadth.

e Table ou shall hes, and bro. will ent is 2 broad; make a Table is all find es, and o much

2 Foot ne end Inches: igh the Ana, in the ads are take fo 23 ke 40 s; for 20 in 2, that Inch; Square w the if you , and , and of the ngths; ned in A

				The Let	igth i	Fect.				
_	I	1.	1 2.		1_	3.	1_	4.	_	5.
	F.	parts.	F.	parts.	F.	parts.	F.	parts.	F.	parts.
1	0	8	0	16	0	25 50 75	0	32 68	0	40
2	0	17	0	34 56 66	0	50	0		0	40 85 25 65
.3	0	25	0	56	0	75	1	0	1	25
4	0	33	0	. 66	1	0	1	32 68	1	65
5	0	42	0	84	1	25	1		2	10
3 4 5 6 7 8	0	50	1	0	1	50 75	2	0	2	50 90 35 85
. 7	0	58	I	16	1	75	2 2	32 68	2	90
8 8	0	67	1	34	2	0	2		3	35
9	0	75	1	50	2	25	3	0	3	85
8 9 10 11 12 12 12	0	75 82 92	I	34 50 66	2	75	3	32	4_	15
11	0	92	ī	. 84	2	75	3	68	4	. 60
12	1	8	2 2	0	3	0	4	0	5 5 5 6	0
	1	8	2	16	3	25	4	32 68	5	40
14	1	17	2	34 50	3	50	4		5	40 85 25
15	1	25	2	50	3	50 75	5	. 0	6	25
14 15 16 17 18 19	I	33	2	66	4	0	5	32 68	6	65 10 50 90 35
17	1	42	2	84	4	25 50	5	68	7 7 7 8	10
18	I	50	3	0	4	50	6	0	7	50
19	I	58	3	16	4	75	6	32 68	7	90
20	1	50 58 67	2 2 2 3 3 3 3 4 4 4	34	5 5 5 5 6 6 6 6 7	0	4 4 5 5 5 6 6 6 7 7 7 8 8	68		35
21 22 23	ī	75 83 92	3	5° 66 84	5	25 50	7	0	8	85 15 60
22	1	83	3	66	5	50	7	32 68	9	15
23	I	92	3	84	5 .	75	7.	68	9	60
24	2	0	4	0	6	0	8	0	10	0
25	2	8	4	16	6	25 50 75	8	32	10	40
26		17 25 33	4	34 50 66	6	50	8	68	10	85 25 65 10
25 26 27 28 29	2	25	4	50	6	75	9	0	11	25
28	2	33		66	7	0	9	32 68	11	65
29	2	42	4	84	7	25	9	68	12	10
30 31	2-	50	5	0	7.	50	10	0	12	50
31	2	58	5	16	7 7 8 8 8	75	10	32 68	12	9° 35 85
32	2	67	5	34	8	0	10	68	13	35
33	2	75	5	50	8	25	11	c	13	85
34	2	83	5	34 50 66	8	50	11	68	14	60
34 35 36	2	50 58 67 75 83 92	4 4 5 5 5 5 5 6	84	8	50 75	11	68	14	
36	3	0	6	0	9	0	12	0	15	0

Hh 2

A Table (ready Computed) for the Measuring of Board, Glass, Pavinting Wainscot, or any other Superficial Measure; from one to 36 Inche Table broad, and from one to 20 Foot in length; Or to any greater Length and or Breadth.

		, :	19.	The Le	ngth i						or
-	1 6. 1.		1_	7.		8.		9.		10.	
1	. F.	parts.	F.	parts.	F.	parts	. F.	parts.	F.	parts.	
	10	50	0.	58	10	6		75	0	84	ı
	2 1 3 1 4 2 5 2 6 3 7 3 8 4	0	1	16	1	30	5 1	. 50	I	70	ŀ
	3 1	50	1	. 75 . 32 90	2	62	2	25	12	50	L
	4 2	0	2	. 32	12	6.	1 3	. 0		30	
-	$\frac{5}{6} \frac{2}{3}$	50	2	90	3	36	3_	. 75	4	20	
	6 3	0	3	50	4	- 69	5 6 6 7 8	50 25	5 56	80	
	7 3	50	4	69	14	- 69	15	25	15		
he	0 4	50	4	69	6	36	10	0	0	70 50 30	i
2 .	9 4	50	15	25	10	65	7	75 50	8	50	ę.
in Inch	5 5	50	5 5 6 7	25 81 44 0 56	1 =	0)	-	30	9 10		
2 13	6	50	0	44	7 8	36		25	19	20	3
\$:	10	50	17	0	8	0	9	. 0	10	80	9.0
5 1	17	0	1 6	19	0	65	10	75 50	11	70	
2 1	17	50	8 8	75	8 9 10	30	11	25	12	50	ĕ
ivement, &	6 7 7 8		-		10	6;	12		13	20	ı
2 17	8	50	9	31 94	11	36	12	75	14	30	
18 17 L	9	,0	10	50	11	30	13	75	15	0	ľ.
19	9	50	11	6	12	65	14	25	15	80	Ĭ
11. Dreadin of the Board, Plank, Pavement, Sec. in Inches. 12. 12. 12. 12. 13. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	10	0	11	69	13	36	15	0	16	70	the Board, Plank, Pavement,
21		50	12	25 81	14	65	15 16 17 18	75 50	17 18	30 20	1
22	111	50	12		14 15 16	65	16	50	18	30	Bo
23	111	50	13	44	15	36	17	25	19	20	20
24 0 25	12.	0	14	56	16	65	18	0	20	80	
26	-	50	14	30		05		75	21	70	The breadth of
27	13	50	15 15 16 16	19 75 31	17	36	19	50 25	22	7º 5º	5
28	14	0	16	7)	18	65	21	2)	23	30	
29	14	50	16	94	19	36	21	75	24	30	5
30	15	0	17	94	20	. 0	22	50	25	0	Ě
31	15	50.	18	6	20	65	23	25	25	80	
32	16	0	18	60	21	36	24	0	26	70	-
33	16	50	19	25	22	0	24		27	70	
34	17	0.	19	25	22	65	25	75	27 28	30	
35	17	50	20	44	23	36	26	25	29	20	
36	18	0	21	0	24	0	27	0	30	0	-

Paviment 36 Inche Table (ready Computed) for the Measuring of Board, Glass, Paviment, 36 Inche Table (ready Computed) for the Measure; From one to 36 Inches tr Length Wainloot, or any other Superficial Measure; From one to 36 Inches troad, and from one to 20 Foot in length; Or to any greater Length or Breadth.

-	W Die		1111111		The Len	eth i	n Feet.	TI.				
10.	-					-			14.	1 15.		
parts	_	-	11.		12.	_	13.	-	100	-	100	
84		F.	parts.	F.	parts.	F.	100 parts.	F.	parts.	F.	paris.	
70	-	0		ī	0	ī	8	1	16	1	25	
50		1	92 84	2	0	2	16	2	33	2	50	
30	1 2	2	75	3	0	3	25	3	49	3	75	
20		3	75	4	0	4	33	4	65	5	0	
0	5	4	58	5	0	5	42	5	81	6_	25	
80	5 6	5	50	6	0	6	50	7	0	7	50	
70	1 -	6	42	7	0	7 8	58	8	16	8	75	
50	10 Inches.	7	33	8	0		66	9	33	10	0	
30	1 9		25	9	0	9	75 84	10	49	11	25	
20		9	16	10	0	10	84	11	65	12	50	
0	6 11	10	8	11	0	II	92	12	81	13	75	
80	1 12	11	0	12	0	13	0	14	0	15	0	
70	: 13	11	92	13	0	14	8	15	16	16	25	
50	14	12	84	14	0	15	16	16	33	17	50	
30	13 14 15 16	13	75	15	0	16	25	17	50	18	75	
20	16	14	66	16	0	17	. 33	18	65	20	0	
0	: 17	15	58	17	0	18	42	20	81	21	25	
80	18	16	50	18	0	19	50	21	0	22	50	
70	19	17	42	.19	0	10	58	23	16	23	75	
50	17 18 19 20 21 18 19 20 21 18 19 20 21 18 19 20 21 18 19 20 20 20 20 20 20 20 20 20 20 20 20 20	18	33	20	0_	21	66	24	33	25	0	
30	21	19	25	21	0	22	75	25	49	26	25	
20	u 22	20	16	22	0.	23	84	26	65	27	50	
0	5 23	21	8	23	0	24	92	27	81	28	75	
80	24	22	0	24	0	26	0	29	16	30	25	
70	£ 25	22	92	25	0	27	8	30		31		
50	26 27 27 27 27 27 27 27 27 27 27 27 27 27	23	84	26	0	28	16	31	. 33	32	50	
30	27	24	75	27	0	29	25	32	65	33	75	
20		25	66	28	0	30	33	33	18	35	25	
0	29	26	58	29	0	31	42	34	. 0	37	50	
80	30	27	50	30	0	32	50	-	16	38		
70	31	28	42	31	0	33	58	37			75	
50	32	29	33	32	0	34	66	38	33	40	25	
30	33	30	25	33	0	35	75	39	65	42	50	
20	34	31	16	34	0	36	84	40	81-	43	75	
0	35	32	8	35	0	37	92	41	01	45	0	
-	36	33	0	36	0	39	.0	42	0	41		

A Table (ready Computed) for the Measuring of Board, Glass, Pavement, Wainscot, or any other Superficial Measure; From one to 36 Inches broad, and from one to 20 Foot in length; Or to any greater Length or Breadth.

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	7 13	7			The Len	gth It	Feet.				
		16. 17.				18.	-	19.	20.		
6.1	1	F.	parts.	F.	Ico parts.	F.	100 parrs.	F.	parts.	F.	parts.
	1	1	33	I	42	1	50	1	58	1	66
1	2	2	66	2	84	3	0	3	16	3	32
1	3	4	0	4	26	4	. 50	4	74	5	0
1:	4	5	33	5	68	6	0	6	32	6	66
1	3 4 5 6 7 8	7	66	7	10	7	50	7	90	8	32
1	6	8	. 0	8	. 50	9	0	9	50	10	0
1 5	7	9	33	9	.92	10	50	11	8	11	66
12		10	66.	11	34	12	C	12	66	13	32
The breadth of the Board, Plank, Pavement, &c. in inches	9	12	0	12	76	13	- 5c	14	24	15	0
-=	10	13	33	14	18	15	0	15	82	16	66
100	11	14	66	15	60	16	50	17	40	18	32
10	12	16	0	17	0	18	0	19	0	20	0
l ä	13	17	. 33		42	19	50	20	58	21	. 66
Iĕ	14	18	66	19	84	21	0	22	16	23	32
1 E	15	20	0	21	26	22	50	23	74	25	
12	16	2.1	33	22	68	24	. 0	25	. 32	26	. 66
1 ×	17	22	66	24	10	25	50	26	90	28	32
14	18	24	C	25	50	27	. 0	28	48	30	. 0
1 -	19	25	33	26	92	28	50	30	6	31	66
2	20	26	36	28	34	30	. 0	31	64	33	32
89	21	28	0	29	76	31	50	33	22	35	
2	22	29	. 33	31	18	33	0	34	80	36	66
=	23	30	66	32	60	34	50	36	38	38	. 32
0	24	32	. 0	34	0	36	0	38	0	40	0
=	25 26	33	33	35	42	37	50	39	58	41	66
P		34	66	36	84	39	. 0	41	16	43	32
1 2	27	36	0	38	26	40	50	42	74	45	0
Ne ne	28.	37	33	39	68	42	0	.44	32	46	66
F	29	38	66	39	20	43	50	45	90	48	32
	30	40	0	41	62	45	0	47	48	50	0
	31	41	. 33	43	0	46	50	49	6	51	66
	32	42	66	44	42	48	C	50	64	53	32
	33	44	0	45	83	1 49	50	52	22	55	C
	34	45	33	47	26	51	. 0	53	So	56	66
1	35	46	66	48	68	52	50	55	38	58	32
	30	48	O	17	0	54	0	57	0	60	.0

The Use of this Table.

Its Use will best appear by Examples.

If a Board, Plank, or the like be 17 Inches broad, and 18 Foot long, b. w many Superficial Feet are contained in that Board?

Look for 17 Inches in the first Column of the Table (towards your Left hand) and in that Line, against 17 Inches, and under 18 Foor, which is half a Foot: So that there are 25 Foot and a half contained what Board.

II. If a Marble Foot-Pace he 15 Inches broad, and 7 Foot long, how many Foot is contained therein?

Look for 15 Inches in the first Column, and right against it under 7 Foot, you shall find 8 Foot 75 Parts, which is three Quarters of a foot.

III. A Tard or Kitchen is Paved with Free-Stone, whose length is 18 Foot, and its breadth 12 Foot; How many Foot of Pavement is there in that Tard?

Whereas the Inches in the first Column of the Table go but to 35 Inches, which is to 3 Foot. Therefore, Look for 36 Inches in the first Column, and against it (under 18 Foot) you shall find 54 Foot; which being taken sour times (because 3 Foot is but one guartrof the breadth of the Kitchen) and it makes 72, and so many Foot is in that Kitchen.

W. There is a Viece of Plank which is 16 Foot long, and it is 21 Inches broad at one end, and 15 at the other end: How many Square Feet are contained in it?

BEcause the breadth at the two ends are different, namely, 21 and 15, add them together, and they make 35, the half whereof is 18. Look for 18 Inches in the first Column, and against it under 16 Foot, 194 shall find 23 Foot for the whole Content.

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Length

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A Table (ready cast up) by which you may know how much in Length will make a Foot Solid of any true Squared Stone or Timber.

		Feet.		10 parts of bar sales 2 0 8 9 2 1 0
	6 78 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 27 28 29 31 32 33 34 35 36 36 36 36 36 36 36 36 36 36 36 36 36	422111100000000000000000000000000000000	0 11 3 9 3 2 0 8 7 6 5 5 4 4 3 3 3 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1 1	0
	7	2	11	2
	0	I	3	2 1
°s.	10	I	3	3 5
ä	11	I	2	3 5
ğ	12	ī	0	0
2	13	0	10	2
Da	14	0	8	8
0	15	0	7	6
The Length of the fide of the Square at the end in Inches.	16	0	6	7
7	17	0.	5	_9,
FE.	18	0	5	3 4
Squ	19	0	4	2
þ	21	0	2	9
-	22	0	3	5 6
00	23	0	. 3	2
E	24	0	3	0
h	25	0	2	8
-	26	0	2	6 :
10	27	0	2	3 0
Ber	28	0	2	2
3	19	10		
2	30	0	I	9
F	31	0	1	7 .
	32	0	1	333 0 28 6 7 9 38 3 9 5 2 0 8 6 3 2 1 9 8 7 6 s
	34	0	1.	5 1
	35	0	1	4
	35	10	1	. 3

The Use of the Table.

Example 1. Let the side of the Square, at the end of any Piece of Squared Stone or Timber be 10 Inches, how much in length of that will make a Foot Solid?

L Ook for 10 Inches in the first Column of this Table, and against it you shall find 1. 3. 3. Which is 1 Foot, 3 Inches, and 3 tenth parts of an Inch (which is 1 part of an Inch) and so much in length will make a Foot Solid.

Example II. If the side of the Square, at the end of any Stone, or squared Picts of Tinber, be 2 Foot and 2 Inches, (which is 26 Inches) how mach in length of that Stone or Timber, shall make a Solid Foot?

L Ook for 26 Inches in the first Column of the Table, and against it you shall find o. 2. 6. which o Feet, but 2 Inches, and 6 tenth parts of an Inch; so that 2 Inches, and 6 tenths, (which is something above half an Inch) will make a Foot Solid of that Stone, or Timber.

Note, If your Stone or Timber be smaller at one end than at the other, take a mean between them about the middle of the Piece, and that breadth fo taken (though not exact) will be sufficient for ordinary Use.

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Table for the Measuring of Stone, Timber, or any other Solid Meaure, (ready cast up) from one to 36 Inches Square at the end, to Ten Foot in length.

The length of the Stone or Timber in Feet.

nuch in or Tim-

d Stone
nuch in

Column ou shall , 3 Inthich is length

are, at l Piece nches, uch in , shall

olumn u shall but 2 h; so ich is make

mean the ough inary

A Table for the Measuring of Stone, Timber, or any other Solid Measure, (ready cast up) from one to 36 Inches Square at the end, to Ten Foot in length.

		The len	gth o	of the St	one o	or Tim	er ir	reet.	-	
	1	6.	1	7.		8.		9.		Ic.
	F.	100 parts.	F.	100 parts.	F.	parts.	F.	parts.	F.	part:
- 1	0	4	0	5	0	5	0	. 6	0	
,2	0	17	0	19	0	22	0	25	0	2
3	0	37	0	43	0	49	0	56	0	6
4	0	66	0	78	0	89	1	0	1	1
5	1	4	1	22	1	39	1	56	1	7
6	I	50	I	55	2	0	2	25	2	5
	2	4	2	38	2	72	3	6	3	4
· 7	2	66	3	11	3	55	4	0	4	4
9	13	. 37	3	93	4	49	5	6	5	(
= 10	14	.16	14	86.	5	55	6	2.1	6	9
E 11	5	4	5	88	6	72	17	56	8	. 4
P 12	16	. 0	7	0	8	0	9	. 0	10	
2 13		4	18	22	9	39	10	56	11	
g 14	8	10	9	53	10	89	12	25	13	(
# 15		37	10	93	12	49	14	6	15	-
5 16	10	67	12	44	14	22	16	0	17	
E 17		4	14	. 5	16	5	18	6	20	
E 18		56	15	. 75	19	. 0	20	25	22	
- 19	1	4	17	55	20	5	22	56	25	
0 20		67	19	40	22	22	25	0	27	
0 21		37	21	43	24	49	127	56	30	
\$ 22		16	23	53	26	89	130	25	33	
2		4	25	71	29	38	33	6	36	
1 2	124	0	28	C	32	0	36	0	40	
0 2	126	4	130	38	34	76	39	. 2	43	
The Square of the Stone or Timber at the end in Inches.		16	32	86	37	55	42	24	47	
Squa		33	35	44	40	50	145	57	50	
U 2	32	67	38	11	43	56	149	. 0	54	
E 2		4		83	1 46	72	152	56	58	
3		50	43	75	150	C	156	25	62	_
3	and a	4	-	71	53	38	160	6	66	
3		- 66	49	73	1 56			0	71	
3		37		93	60		1 100	6	75	
3					64		72	25	80	
3		4			63		176	56		
3	6 34				72			0		

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The Use of the Table by Examples.

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loo arts.

 Example I. If the side of the Square at the end of any Piece of Stone or Timber be 18 Inches, and the length thereof 7 Foot, How many solid Foot of Stone or Timber is in that Piece?

Look for 18 Inches in the first Column of the Table, and against it in that Line (under 7 Foot at the head of the Table) you shall find 15.75, that is 15 Foot 9 Inches, or 15 Foot and 3 Quarters: And so many solid Foot is there in that Piece.

Example II. If the side of the Square at the end of a Timber Stick be 27 Inches, and the length thereof 27 Foot: How many solid Foot of Timber doth that Piece contain?

THE Piece being 27 Foot long, it cannot be found in the Table, which goeth but to 10 Foot, therefore you must take it out at two or three times: Thus, 27 Inches Square at 10 Foot long, gives 50 Foot 63 Parts, which take two times: Then 27 Inches Square at 7 Foot long is 35 Foot 44 Parts. All which added together, makes 136 Foot 70 Parts, which is almost 3 Quarters of a Foot. And so many Solid Feet of Timber doth the Piece contain.

Foot. Parts.

27 Inches Square at 10 Foot long, gives 50 63

That again 50 63

27 Inches at 7 Foot long 75 44

The Sum 126 70

Otherwise, If you had taken one Third Part of 27 the length, which is 9, and entered the Table therewith,

and added that Number three times, it would have produced the same number of Feet and Parts as before. For

	F.	Parts.
27 Inches Square at 9 Foot		
That again ————	45	57
And again ———	45	57
	The Sum—136	71

136 Foot 71 Parts as before.

We have hitherto dealt with such squared Stone or Timber, as have all the sour sides at the end thereof Equal; which seldom happens, but that there may be 3, 4, 5, 10, 12, or 16 Inches difference: And in such cases it is usual for Artificers to add the two unequal sides of the Square together, and to take the half thereof for the true Square, which if the difference of the sides be much, is egregiously false; As by this Example I shall make it appear.

Example III. There is a Block of Marble, whose length is 7 Foot, and the sides of the Square at the end of the Block are one 16 Inches, and the other 34 Inches: How many Foot is in this Block?

THE two fides, 16 and 34, added together, make 50 Inches, the half whereof is 25, which they take for the true Square. Therefore look for 25 Inches in the first Column, and right against it under 7 Foot, you shall find 30 Foot, 38 Parts, which is 30 Foot, and somewhat above one third Part of a Foot. But this is not the true Content of the Stone, as I shall presently shew: And for that purpose, I have here added

A Table, by which you may find the true Square of any unequal fided Stone or Timber.

1 000000 2 030103 3 047712 4 060206 5 069897 6 077815 7 084509 8 090308 9 090308 9 095424 10 100000 104139 114 114612 117 120411 1123044 115 117609 11 123044 1125527 1127875 1130102 1132221 1134242 1136172 1138021 1141497 114136 1141497 114136 114136 114136 1147712 1149136 1140136 1140136	The Length of the Sides in Inches. The Length of the Sides in Inches.	155630 156820 157978 159106 160205 161278 162325 163346 164345 165321 166275 167209 168124 169019 169897 170757 171600 172427 173239 174036 174818 175587 176342 177085 177815 178533 179239 179934 180618 181291 181954 182607	The Length of the Sides in Inches. The Length of the Sides in Inches. The Length of the Sides in Inches. 1.2.	185125 185735 186332 186923 187506 188081 188649 189209 189762 190309 190848 191381 191907 192428 192941 193449 193952 194448 194939 195424 195904 196378 196848 197772 198677 199122 199563 2000000
31 149136 32 150515 33 151851 34 153147 35 154406	66 67 68 69 70	181954		

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The Use of this Table.

Example I. If one side of a Squared Stone or Piece of Timber be 16 Inches, and the other 34 Inches, what is the Length of the side of a Square which shall be equal between these two?

Ook for 16 Inches in the first Column of the Table, against which you shall find this Number 120411. Also in the same Column look for 34 Inches, against which you shall find this Number 153147. These two Numbers added together, make 273558, the half where of is 136779. Look for this Number in the Table (or the nearest unto it, which is 136172) against which stands 23 Inches, which is the true Square.

16 Inches-	120411
34 Inches	153147
The Sum-	273558
The half fum-	126779

The nearest Number in the Table—136172 Against which stands 23 Inches, which is the true side of a Square equal to the two unequal sides.

Now.

If you look for 23 Inches in the first Column of the former Table, against it (under 7 Foot, the length of the Stone) you shall find 25 Foot 71 Parts, which is 25 Foot and almost 3 Quarters of a Foot, for the true Content of the Marble Block. Which differs from the former way no less than 4 whole Feet, and 2 third parts of a Foot, or 8 Inches, too much.

F.	Parts.
25 the false Square — 30	38
23 the true Square25	71
The difference too much-4	67

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This Error will still be increased if the difference of the sides were more. Indeed, where the difference of the sides are not above 2 or 3 Inches, the difference will not be much. As 14 Inches, and 18 Inches, and 10 Foot long, the difference will be insensible.

Concerning Round Timber.

THE Customary way of Measuring of Rough Timber is this: Girt the Body of the Tree about with astring, about 4 or 5 Foot above the greater end, and take one quarter thereof for the true Square; but this is notoriously salse, as (in another place) I have at large directed. But if you will Measure this way, the former Table for Measuring of Square Timber, will also measure Round Timber.

Example.

If a Tree be 136 Inches about, and 19 Foot long, bow many Solid Foot is there in that Tree?

THE Girt of the Tree being 136 Inches, one quarter of that is 34 Inches.

Look for 34 Inches in the first Column of the Table, and against it in the same Line

under
$$\begin{cases} 9 \\ 10 \end{cases}$$
 Foot you shall find $\begin{cases} 7^2 \\ 80 \end{cases}$ 28

In all-19

Feet-152 53

Which is 152 Foot and a half, which is too little by about a fifth part. But to remedy this Error, I have here added

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A Table, by which you may know how many Feet, Inches, and 10 parts of an Inch in Length, of any Round Timber-Tree, (or round Columb of Stone) whose Circumference (or Girt) is known in Inches, will make a Solid Foot.

	Inches.	10 parts.		Feet.	Inches.			Feet.	Inches.	10 parts.
The Circumference, or Girz about of the Tree in Inches, 11 11 11 11 11 11 11 11 11 11 11 11 11	8 11 4 11 2 6 0 8 2 10 0 3 7 0 6 1 8 4 1 10 8 5 3 1 0 9 7 6	The Length of a Foot Solid in Feet, Inches, and 10 parts of an Inch.	The Circumference, or Girt, Oc. 147 434 445 95 15 25 25 15 25 25 15 25 25 15 25 25 25 25 25 25 25 25 25 25 25 25 25	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 6 9 9 3 3 111 7 111 1 1 1 1 1 1 1 1 1 1 1 1 1	The Length, &c. The Circumference, or Girt, &c.	9° 91 92 93 94 95 96 97 98 99	000000000000000000000000000000000000000	4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4321987765 43221 09887 76655 443322

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The Use of this Table.

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> Example I. If the Girt of a Timber-Tree he 38 Inches, how much in Length thereof will make a Solid Foot of Timber?

> Look in the first Column of the Table for 38 Inches, and right against it you shall find 1. 3. 0, which it Foot, 3 Inches, and so much in length of that Iree will make one Solid Foot. And if the Tree (or columb of Stone) be 10 Foot long, the whole Content will be 12 Foot and a half.— Whereas, by the former way, of taking a quarter of the Girt, for the true side of the Square, it would contain but 6 Foot and a Quar-

Also, If a Column or Timber-Tree should be 88 Inthes about, and 10 Foot long, by the false way it would be sound to contain but 33 Foot 61 Parts; But by the the way 42 Foot 87 Parts, which is 9 Foot and a Quarter too little.

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A Table by which you may readily find how much in Length of any Furlong or Furlongs in Common Field or other Inciolures, do make either 1 Quarter, an Haif, 3 Quarters, or an Acre, at any Breadth given, from one Perch to 40 Perches broad, in Perches, and Hundred parts of a Perch.

Perches and Ouarrers	ı Ç of aı	Quarter Acre.	1 Ha	he Le If an	1 3 Q1	f arters Acre,	0	ne cre.
	Per.	parts.	Per.	parts.	Per.	parts.	Per.	pare
1 (40	. 0	80	0	120	0	160	
	1 36	.0	64	0	96	0	128	51.1
	2 26	66	52	50	78	75	105	
	22	86	44	22	68	58	88	4
	20	. 0	40	. 0	60	0	80	28
	17	82	35	64	53	46	71	-28
:		0	32	0	48	. 0	64	16
		54	29	8	43	62	58	10
3 -		. 33	26	.66	30	0	53	3
onno 2		33	24	66	37	0	49	32 72
5		43	22	86	34	29 98	45	72
4 5	-	66	20	32	30	90	42	_64
2 7		0	18	82	28	23	37	64
.9 2		48	17	76	26	64	35	52
F 3		42	16	76 84	25	26	33	68
che che	8	0	16	- 0	24	0	32	0
0 1	7	62	15	24	22	86	30	- 48
0 2	17	27	14	54	21	81	29	8
the Furlong, or other Piece of Ground	7	95	13	90	20	85	27	80
lo lo	6	66	13	33	19	98	26	66
, i	6	40	12	80	19	20	25	60
2 2	6	16	12	32	18	48	24	64
E 3	5	92	11	84	17	76	23	68
7 5 0	15	76	11	. 42	17	28	22	85
E 1	5	52	11	4	16	56	22	
P 2	5	33	10	61	16	0	21	32
The Breadth of	5	16	10	32	15	48	20	. 64
9 0	5	0	10	0	15	0	20	0
E 1	4	85	9	70	14	55	19	40 80
2	4		9	40	14	10	18	-28
3	4		8	14	13	71	16	
0	4	2 6 6	8	88	13	32	17	77 28
. 1	4		8	64	12	96	17	25
2	4		8	42	12	- 1	16	84
0 0	4		8	20	12			0
1	4			-0	12		6	56
2	3		7	78	11	67	15	24
3	3		7	67	11	43	14.	24 88
31	3	72 '	7	44	11	10	4	-

A Table by which you may readily find how much in Leaguh of any Furiong or Furiongs in Common Field or other readily from one Perch at any Breadth given, from one Perch and any Breadth given, from one Perch and

93	S.	1	The Le	ngth of		
Perches	Quarters	of an Acre.	Half an	3 Quarters of an Acre.	One Acre.	
1.60	, 74	Per. parts.	Per. parts.	Per. parts.	Per. parts.	
11	0	3 63	7 27	10 89	14 54	
	1	3 55	7 10	10 65	14 20	
	2	3 47	6 94	10 41	13 88	
_	3	3 40	6 80	10. 20	13 60	
12	C	3 .33	6 66	10 0	13 33	
	1 2	3 26	6 52	9 76	13 4 12 80	
	-	3 20	6 40	9 60	12 80	
13	3	3 13	- manufacture and a second	9 39 24	12 52	
	1	3 8 2	6 15	9 24 6	12 31 12 8	
n n	2	2 96	5 92	8 88	11 84	
5	3	2 90	5 80	8 70	11 60	
Furlong or other Piece of Ground	-0	2 85	5 70	8 55	11 42	
0	1	2 80	5 60	8 40	11 20	
8	2	2 75	5 50	8 25	11 0	
Pic	3	2 71	5 42	8 13	10 84	
15 5	0	2 66	5 33	7 98	10 66	
oth	1-	2 62	5 24	7 86	10 48	
10	2	2 . 58	5 16	7 74	10 32	
_ 00	_3	2 54	5 8	7 62 7 50	10 16	
16 6	0	2 50	5 0	7 50	10 0	
E	1	2 46	4 92 84	7 38	9 84	
the	2	2 42	4 84	7 26 7 14	9 68	
	3	2 38	4 76		9 52	
170	0	2 35	4 72	7 5	9 42	
4	2	2 32 28	4 64	6 84	9 28	
2	3	2 25	4 50	6 75		
The B cadth of	0	2 22	4 45	6 66		
==	1	2 19	4 39	6 57	8 89 8 78	
-	2	2 16	4. 32	6 48	8 64	
	3	2 13	4 26	6 39	8 52	
19	0	2 10	4 21	6 30	8 42	
	1	2 8	4 16	6 24	8 32	
	2	2 5	4 16	6 15	8 20	
-	3	2 3	4 6	6 9	8 12	
20	0	2 0	4 0	6 0	7 88	
	1	1 97	3 94 3 88	5 91 5 82	7 88	
	2	1 94	3 88	5 82	7 76	
	3	1 92	3 84	5 76	7 68	

A Table by which you may readily find how much in Length of any Furtong or Furtongs in Common Field or other Incloiures, do make either I Quarter, an Half, 3 Quarters, or an Acre, at any Breadth given, from one Perch to 40 Perches broad, in Perches, and Hundred parts of a Perch.

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A Table by which you may readily find how much in Length of any Furlong or Furlongs in Common Field or other Incloures, do make either a common Field or other

1 .		The Le	ngth of	5.5
Perches and Quarrers.	1 Quarter of an Acre.	Half an Acre.	3 Quarters of an Acre.	One Acre.
2 SMS	Per. parts.	Per. paris.	Per, pares.	Per. parts.
21 0	1 90	3 81	5 70 5 64 5 58	7 62
1	1 88	3 81 3 76 3 72 3 66	5 64	7 62 7 52 7 44 7 32 7 27 7 16 7 8 7 0
2	1 86	3 . 72	5 58	7 44
<u>3</u> 3	1 83	3 66	5 49 5 46 5 37 5 31 5 25.	7 32
22. 0	1 82	3 63 3 58 3 54 3 50	5 46 5 37 5 31 5 25.	7 27
2	1 79	3 54	5 3/	7 8
- 3	1 75	3 50	5 25	7 0
23 . 0		3 46	5 19	6 95
Pu	1 71	3 46 3 43 3 40	5 19 5 13 5 10	6 86
0 2	1 70	3 40	5 13 5 10 5 4	6 80
The Breadth of the Furlong, or other Piece of Ground	73 1 71 1 70 1 63 1 66	3 30	5 4	7 62 7 52 7 44 7 32 7 27 7 16 7 8 7 0 6 95 6 86 6 72 6 66 6 56 6 52 6 44 6 40 6 32 6 24 6 16
24 0	1 66	3 33	4 98	6 66
Piece 1	1 64	3 28	4 92	6 56
a 2	1 64 1 63 1 61	3 26	4 89	6 52
25 10 0	1 61			6 44
7) 0	1 60	3 20 3 16	4 80	6 32
0 ,	1 56	3 16	1 68	6 24
0 10 2	1 54	3 12 8	4 74 4 68 4 62 4 59 4 56 4 53 4 47 4 41	6 16
36 5 0	1 54 1 53 1 52	3 7	4 50	6 12 6 8 6 4
1 2	1 52	3 4	4 56	6 8
2 2	1 51	3 2 2	4 59 4 56 4 53 4 47	6 4
27 5 3	1 49	2 98	447	5 96
2700	1 47	3 4 3 2 2 98 2 94 2 92 2 90	4 41	5 96 5 92 5 84 5 80
de 1	1 46	2 92	4 38	5 84
PE2	1 45	2 90	4 41 4 38 4 35 4 29 4 26 4 23 4 20	6 44 6 40 6 32 6 24 6 16 6 12 6 8 6 8 72 5 96 5 92 5 84 5 56 5 56 5 56 5 56 5 56 5 36
28 2 3		2 84	4 29	5 72 5 71
The I		2 82	4 26 4 23	5 64
2	1 41	2 80	4 20	5 60
	1 39	2 &c 2 78	4 17	5 56
	1 39	2 82 2 8c 2 78 2 76	4 14	5 52
	37	2 .76 2 .73 2 .70 2 .68	4 11	5 46
2	351	2 70	4 5	5 40
3 1	34 3	2 68	4 2	5 46 5 40 5 36 5 33
0 0 1	33	66	4 0	33
2 1	327	2 64	3 96 9	28
2 1	31 3	62	3 96 3 3 93 3 3 90 5	24
3.1	30 2	60	3 90 5	20

A Table by which you may readily find how much in Length of any Furiong or Furiongs in Common Field or other Incloures, do make either I Quarter, an Half, 3 Quarters, or an Acre, at any Breadth given, from one Perch to

A Table by which you may readily find how much in Length of any Furiong or Furiong. In Common Field or other incloures, do make either I Quarter, an Half, 3 Quarters, or an Acre, as any Breadth given, from one Perch to 49 Perches broad, in Perches, and Hundred parts of a Perch.

	The Le	and and	
1 Quarter of an Acre.	Half an Acre.	3 Quarters of an Acre.	Acre.
Per. parts.	Per. parts.	Per. parts.	Per. parts
	2 57	3 (87)	5 - 16
1 29	2 56	3 84	5 12
1 28			5 8
1 27	2 54	7	5 4
1 26	2, 52	- the same of the	- Albert - Marie - Mar
1 25	2 1 1050	3 75	5
1 24	2 48	3 72	4 96
1 23	2 1 46	311 10 69	4 92
1 27	2 . 5 . 44	3 66	4 88
1 21	20 42	3 63	4 55
1 10	2 100 40	3 60	4 80
	2 10 48	3 1157	4 76
1 19	2 36	3 54	4 72
programma and the second of th		The second secon	
1 17	2 35 2 34 2 33	3 52	4 68
1 17	2 34	3 50	
1 16		3 49	4 66
1 16	2 32	3 48	4 64
1 15	2 30.	3 45	4 60
1 14	2 28	3 42	4 56
1 12	2 24	3 36	4 48
1 11	2 22	3 . 33	4 44
	2 21	3 31	4 42
1 10		3 30	4 40
1 . 10			4 38
1 9	2 19		
1 9	2 18	The second second	
1 8	2 16	3 24	4 32
1 7	2 14	3 21	4 30
1 7	2 12	318	4 28
1 5	2 10	3 15	4 24
1 5	2 10	3 15	4 21
1 4		3 12	4 18
	2 9	3 12	4 19
	2 6	3 9	4 1:
	1		4
1 2	2 4		
1 1	2 2	3 4	4 4
1 0	2 2	3 3	4
1	2 1	3	
1100	2 0	3 0	4

The Use of this Table, in Measuring or setting out of Land, in Common Fields or Inclosures.

TF you would fer out a Piece of Garden Ground of any Number of Acres, and to be of any Number of Perches broad: Or by having the breadth of any Furlong or Furlongs together in a Common Field in Perches, you may readily by this Table find what quantity of Ground is contained in it or them together: And for the ready making use of this Table, it is required to have a Rod or Pole of 16 Foot and a half in length, divided first into Ten equal parts by Brass Nails stuck into it: And again, let every one of these Ten parts be also divided into Ten smaller equal parts, by Notches or smaller Nails driven therein. And such a Pole as this (or one of half the length may serve) every Country Gentleman or Farmer, or any that let out Ground to Reap, Sow, Mow, or Hedge, ought to have, for by it and this Table he may can up his own Ground without troubling a Surveyor. I shall show the Use of the Table by Examples.

Example I. If the End of a Field or Furlong be & Pole or Perches broad, bow much thereof in length will make a Quarter, Half, 3 Quarters, or one Acre?

L Ook in the first Column of the Table for 5 Perches, (under the Title of Perches and Quarters) and against it, in the other four Columns you shall find that 8 Perches will make a Quarter, 16 Perches will make Half, 24 reches will make 3 Quarters, and 32 Perches in length will make an Acre at that breadth.

Example II. Let the breadth of the Piece of Ground be 3

Perches and a half, how much thereof in
length shall make a Quarter, Half, 3 Quarters, and one Acre?

L Ook for 3 Perches 2 Quarters in the first Column of the Table, and against it, in the four other Columns, you shall find

11 437
22 86
34 29 for the length of Half
3 Quarters
an Acre.

Example

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Example III. There is a Meadow which is 15 Pole and a Quarter broad, and it is 75 Pole long; bow many Acres are contained in that Meadow?

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L against it in the last Column under [One Acre] you shall find 10 Pole and 43 parts of a Pole, and so much in length of that Meadow will make a Acre: Wherefore, with your Measuring Rod, Measure straight through the middle of the Piece, and at the end of 10 Rod, and 28 parts of a lod, stick down a Bow, or take up a Stone, (to keep your Account by) and at the end you will find 7 Acres, and there will be 1 Rod, and 64 parts of a Rod over, which being taken 15 times (the breadth of the Meadow) it will make 24 Perches, which is half a Quarter of an Acre and 4 Perches: And so much doth the Meadow contain, that is, 7 Acres and 24 Perches.

Example IV. There is a Slip of Ground whose breadth at one end is 5 Pole and a Quarter, and at the other end but 2 Pole and 3 Quarters, and it is 90 Pole long; how many Acres is there in this Slip or Furlong?

Porasmuch as the Piece is broader at one end than at the other, add the I two breadths together, that is, 5 and a Quarter, and 2 and 3 Quarters, and they make 8 Rod, the half whereof is 4 Rod; Look for 4 Rod in the first Column of the Table, and against it in the last you shall find that 40 Pole in length thereof will make an Acre; wherefore, run your Pole through the middle of the Piece, and you shall have two Acres, and to Pole over: Now 4 times to is 40 Pole, which is just one Quarter of an Acre. So that the Slip of Ground or Furlong contains 2 Acres and a Quarter.

Example V. There is a Piece of Ground lying in a Triangular form, whose longest side is 68 Perches, and its breadth in the broadest place is 46 Perches; How many Acres are contained in this Piece?

Look for the breadth 26 Perches in the first Column, and against it in the last Column you shall find, that 6 Perches and 12 parts do make an Acre; double this Number, and it makes 12 Perches, and 24 parts, and that will be contained in the longer side of the Triangle sive times, which is 5 Acres, and then there will be 6 Perches and 12 parts more, which is half an Acre. So that this Triangular Piece does contain 5 Acres and a half, and 4 Perches.

II4

A Table shewing how much is wanting of a Beer Barrel, at every Inch, and quarter of an Inch of Emptiness, both in Wine and Ale Gallons.

				T	ie B	arre	want	s of	Full	l, of	1				100
ics.	ers.	Ale	Ga	llons	Wi	ne	Gal.	18		Ale	Ga	llons	Wi	ne	Gal.
Irches.	Quarters	G.	P.	100	G.	P.	par.	Inches	Quarters.	G.	P.	par.	G.	P.	100 par.
0	0	0	o	0	0	. 0	0	6	0	7	2	20	8	7	20
	1	0	0	40	0	0	49	1	1	7	5	50	9	3	20
		0	2	20	0	T	47	1	2	8	1	10	9	7	70
	3	0	2	10	0	2	57		3	8	4	80	10	4	20
I	C	0	3	10	0	. 3	80	7	0	9	. 0	70	10	-1	0
	1	0	4	33	10.	5	30	1	1	9	4	50	11	5	40
	12	0	6	'C.	O	7	35	1	2	10	.0	40	12	2	20
	3	0	. 7	60	I	I	29		3	10	4	30	12	7	0
2	C	1	1	80	1	.4	. 0	18	0	11	0	50	13	4	10
	F	1	3	90	T	6	56	1	1	11	4	30	14	0	80
	2	1	6	-10	2	I	22	1	2	12	0	30	14	5	80
	3	2	. 0	66	2	4	34	1	3	12	4	29	15	2	80
3	0	2	3	50	2	7	95	9	0	13	0	30	15	7	70
	- 1	2	6	16	13	3	10	1	. 1	13	4	.30	16	4	. 60
	2	3	0	-7c	3	6	20	1	2	14	0	40	17	I	60
	3	13	3	80	1	2	0		3	14	. 4	60	17	6	60
4	c	3	6	50	4	5	39	1	0	15	•	50	10	3	40
	1	1	1	80	5	1	35	1	1	15	4	48	19	0	30
	2	4	5	25	5	5	. 50	1	2	16	0	80	19	6	50
-	- 3	5	. 0	42	6	r	45	1	3.	16	5	50	20	_3	25
5	0	5	3	90	6	. 5	70	11	· o	17	2	20	21	I	. 0
	. 1	5	7	20	7	à	70	1	1	17	7	90	22	0,	. 0
	2	6	2	80	7	. 6	20	1	2	18	5	49	22	6	.98
	3	6	6	50	8	2	65	1	3	119	2	0	23	4	31

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A Table shewing how much is wanting of a Beer Barrel, at every Inch, and quarter of an Inch of Emptiness, both in Wine and Ale Gallons.

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The Barrel w	ants of	Full,	of
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Quarters.	Ale Gallons	Wine Gal.	Inches.	Ale Gallons	Wine Gal.
8	G. P. par.	G. P. pat.	2	G. P. par.	G. P. par.
2 0	19:6:16	24/11/48	18 0	31 5 3 7 0	38: 2 39
1	20 1 22	24 7 30	1	31 6 10	38 6 64
. 2	20 7 40	25 4 60	2	32 1 80	39 2 79
3	11 3 10	26 1 36	3	32 5 0	39 6 0
3 0	21 7 40	26 6 33	19 0	32 7 80	40 1 80
non	22 3 0	27 3 36	1	33 2 10	40 4 90
7 2	22 7 0	28 2 18	2	33 4 80	41 9 19
3	23 3 0	28 5 18	1 2	33 7 10	41 3 45
4 0	23 7 30	29 2 20	20 0	34 2 0	41 6 77
1	24 3 70	29 7 40	1	34 4 30	42 1 43
1 2	24 7 40	30 3 90	2	34 6 20.	42 4 0
ing	25 3 60	31 1 0	3	35 0 10	42 6 70
5 0	25 7 50	31 5 80	21 0	35 2 0	43 0-64
1	26 3 30		1	35 3 60	43 2 70
2	26 7 6	1 -	2	35 4 80	43. 4 19
3	27 3 0		3	35 6 0	43 5 42
6,0	27 6 40	-	22 0		43 6 51
Dil	28 2 20		1	35 6 80	43 7 50
1.2	18 5 80		2	36 0 0	44 0 0
1 3	29 1 40	100	3	S vices ?	la si itsus
7 0	29 4 80		-	Den Han	No 1 am.
1	30 0 40	1	1		
VUE	30 4 10			101 , 10.	3,10
3	30 7 50	1	1	10 15 to 1	nontons

The Use of this Table.

The Uses of this Table are principally two:

partly full: And,

2. To know how much the Barrel wants of being

Example I. Suppose the depth of the Liquor in the Barrel be 14 Inches, this taken from 22 Inches and a half (the Diameter of the Barrel at the Bung) leaves 8 Inches and a half for the Empty part: Wherefore, Look for 8 Inches and a half (the empty part) in the first Column to the less thand, and against it you shall find under Beer Gallons, 12 Gallons, o Pints, and 30 Hundred Parts of a Pints; and so much doth the Barrel want of being sull. Again, Look in the Table for 14 Inches (the depth of the Liquor) against which stands 23 Gallons, 7 Pints, and 30 Hundred Parts of a Pint, of Ale Measure, and so much Liquor there is in the Barrel: And these two added together, do make 35 Gallons, 7 Pints, and 60 Hundred Parts of a Pint, which is the Content of a Barrel in Ale Measure, within less than half a Pint.

Example II. But if you would know the Want, or the Fulness in Wine Measure.— Against 8 Inches and a half, the Empty Part, (under Wine Gallons) you shall find 15 Gallons, 2 Pints, and 80 Hundred Parts of a Pint, and so much is the Empty Part.— Also, Against 14 (the full part) you shall find 29 Gallons, 2 Pints, and 20 Hundred Parts of a Pint, for the Full Part: And these two added together, make 44 Gallons and 5 Pints, for the Content of the Barrel in Wine Gallons.

Table

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Table ready cast up for the Gauging of any close Cask or Vessel, and to give the Content thereof in Ale Gallons, and 1000 parts of a Gallon.

-	0.1100	20	0.45331	301	1.0200	140	1.81331	501	2.8333
10	0.1133		0.4647	3	1.0370	1	1.8361	1	2.8617
1	0,1190	2	0.4763	2	1.0543	2	1.8589	2	2.8867
2	0,1290		0.4880	3	1.0716	3	1.5519	3	2.9190
3	0.1330	3	-	-	-	-		51	2.9478
11	0.1371	21	0.4995	31	1.0891	41	1.9051	7,	2.9768
1	0.1434	2	0.5117	2	1.1064	1 2	1.9519	2	3.0059
2	0.1499		0.5272	3	1.1425	3	1.9755	3	3.0352
3	0.1565	13				-	_	-	
12	0.1632	22	0.5485	32	1.1605	42	1.9992	52	3.0645
1	0.1701	1	0.5609	2	1.1787	1	2.0231	1 2	3.0941
2	0.1771	2	0.5734	3	1.1971	2	2.0471	3	3.1237
3	0.1842	3	0.5866	_	1.2156	3	2.0713	-	3.1536
13	0.1915	23	0.5995	33	1.2342	43	2.0955	53	3.1835
1	0.1996	I	0.6126	1	1.2530	1	2.1199	1	3.2136
2	0.2068	2	0.6259	2	1.2719	2	2.1445	2	3.2435
3	0.2143	3	0.6393	3	1.2910	3	2.1693	3	3.274
14	0.2221	24	0.6528	34	1.3101	144	2.1941	54	3.304
1	0.2300	1	0.6665	1	1.3298	1	2.2291	I	3.333
2	0.2383	. 2	0.6803	2	1.3490	2	2.2443	2	3.366
3	0.2466	_3	0.6943	3	1.3686	3	2.2696	3	3.397
3	0.2550	25	0.7083	35	1.3833	145	2.2950	155	3.428
1	0.2636	1	7.7226	1	1.4083	1	2.3206	1	3.459
2	0.2723	2	0.7370	2	1.4283	2	2.3463	- 2	3.491
3	0.2811	3	0.7515	3	1.4485	3	2.3722	3	3.522
16	0.2991	26	0.7661	36	1.4638	46	2.3981	56	3.154
1	0.2993	1	0.7808	1	1.4893	1	2.4243	1.	3.585
2	0.3086	2	0.7969	1 2	1.5099	2	2.4506	2	3.617
3	0.3180	3	0.3110	3	1.5306	3	2.4770	3	3.650
17	0.3275	27	0.8262	37	1.5513	47	2.5035	57	3.682
i	0.3372	1 1	0.8416	1	1 5726		2.5303	1	3.714
2	0.3471	2	0.8571	-2	1.5938	2	2.5571	2	3.747
3	0.3570	3	0.8727	3	1.6184	3	2.5840	3	3.779
18	0.3672	25	0.5855	30	1.6365	45	2.6112		3.813
1	0.3775	1	0.9044		1.6581	1	2.6383		3.845
2	0.3879	2	0.9206	2	1.6799		2.6659	2	3.878
3	03984	3	0.9368	3	1.7018	13	2.6934	3	3.911
19	0.4091		0.9531	39	1.7238	1 -		159	-
1	0.4200	29	0.9696	1 1	1.7460		3.7489	1	3.945
2	0.4319	2	0.9863	2	1.7683		2.7736	2	4.012
3	0.4420	3	1.0031	3	1.7908	3	13.8091	3	
-	777	1 3		13	1-	1-3	1	60	

A Table ready cast up for the Gauging of any close Cask or Vessel, and to give the Content thereof in Wine Gallons, and 1000 parts of a Gallon.

				1. 20	0.836	1.10	1.485	150	12.321
10	0.092	20 I	0.371	30	0.849	40	1.504	1	2.344
I	0.102	2		2	0.864	2	1.523	2	2.367
3	0.107	3	0.387	3	6.878	3	1.541	3	2.391
		-	-	31		-	-	51	2.414
11	0.112	21	0.409	1 1	0.892	41	1.579	l'i	2.438
1	0.117	2	0.419	2	0.921	2	1.599	2	2.462
2	0.123	3	0.429	3	0.936	3	1.618	3	2.486
3	-		0.439	32			1.636	52	2.510
12	0.134	22	C.149	3-	0.951	42	1.657	1	2.534
1	0.139	1 2	0.459	2	0.980	2	1.667	2	2.553
2	0.145	3	0.470	3	0.996	3	1.707	3	2.583
3	0.151	-	-			-	1	53	2.601
13	0.157	23	0.491	33.	1.011	43	1.717	13	2.631
1	0.163	1	0.501	2	1.026	1 2	1.737	2	2.657
2	0.169	2	0.512	3	1.042	3	1.777	3	2.682
3	0.176	_3	C.524	_	1.057	-	-	_	
4	0.182	24	C.534	34	1.073	44	1.797	54	2.707
1	0.188	1	0.546	2	1.089	1	1.817	2	2.732
2	0.193	2	C.557		1.125	2	1.838	3	2.782
3	0.202	3	0.568	3	1.121	3	1.859		
5	0.209	25	0.580	35	1.137	45	1.886	55	2.808
1	0.216	1	0.592	1	1.153	1	1.901	2	2.834
2	0.223	2	0.604	2	1.170	2	1.922		2.885
3	0.230	- 3	0.616	3	1.137	3	1.943	3	
16	0.238	26	0.628	36	1.203	46	1.964	56	2911
1	0.243	1	0.639	1	1.220	1	1.986	1	2.934
2	0.253	2	0.652	2	1.233	2	2.007	2	2.964
3	0.260	3	0.664	3	1.254	3	2.025	3	2.990
7	0.267	27	0.677	37	1.271	47	2.051	57	3.0,6
11	0.274	1	0.689	1	1 288	1	2.072	1	3.043
2	0.284	2	0.702	2	1.305	2	2.095	2	3.069
3	0 292	3	0.725	3	1.323	3	2.117	3	3.096
18	0.301	-28	0.728	38	1.341	48	2.139	58	3.123
1	0.308	1	0.741	1	1.358	1	2.161	1	3.150
2	0.318	2	0.754	2	1.376	2	2.183	2	3.177
3	0.326	13	0.767	3	1.394	3	2.206	3	3.204
19	0.335	29	0.781	39	1.412	49	2.229	59	3.232
1	0.342	1	0.794	i	1.430	1	2.252	1	3.282
2	0.353	2	0.208	2	1.445	2	2.274	2	3.257
3	0.362	3	0.822	3	1.467	3	2.296	3	3.314
-				1		-		60	3.342

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The Use of the Table for Gauging of Vessels, by Examples.

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Quest. I. There is a Cask, whose Diameter at the Bung is 24 Inches, and the Diameter at the Head 21 Inches, and in Length within 51 Inches; How many Ale Gallons doth it contain?

Look in the first Column of the Table of Ale Gallons towards the Lest Hand for 24 Inches (which is the Diameter at the Bung) and against it you shall sime Column for 21 Inches (which is the Diameter at the Head) and against it you shall sime Column for 21 Inches (which is the Diameter at the Head) and against it you shall sind 0.4998, which it under the two former, and add all three together, the Sum whereof will be 1.8054, which Multiply by 51 (the Length of the Cask) and the Product will be 330754, from which cut off sour sigures towards the Right Hand, and then it will be 92.0754. Which is 92 Gallons, and 7 Hundred Parts of a Gallon: As by the Work appears.

The Diameter at	the Bung 24 Inches	0.6528
	The same again the Head 21 Inches	0.6528
The Diameter at		0.4998
	Their Sum	1.8054
	The Length of the Cask	51
		18054
		90270
	The Content of the Veffel	92.0754

Quest. II. There is a Cask, whose Diameter at the Bung is
43 Inches and an half, and at the Head 38
Inches and a quarter; and the length thereof
is 72 Inches: How many Wine Gallons doth
that Vessel contain?

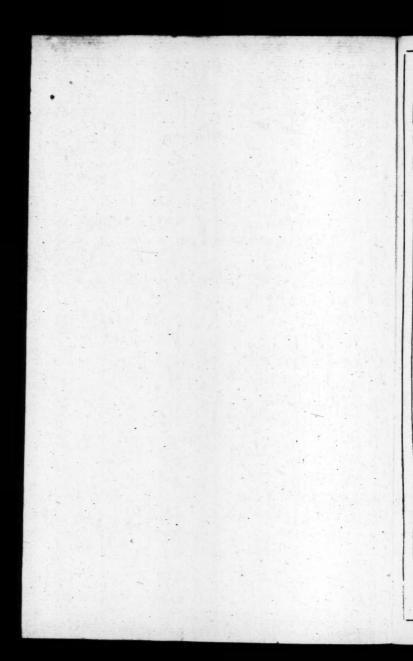
lons, for 43 Inches and an half (the Diameter of the Cask at the Bung) and against it you shall find 1.757, which set down twice: Also look for 38 Inches and a quarter, (the Diameter at the Head) and against it you shall find 1.358, which set under the other two: Then add them together, and their Sum will be 4.872; Multiply this Sum by 72 Inches (the length of the Cask) and the Product will be 350.784, from which cut off three Figures towards the Right hand, and then it will be 350.784, that is, 350 Gallons, and 784 Thousand Parts of a Gallon, that is 6 Pints and somewhat more. As by the Work following doth appear.

The Diameter at the Bung 43 1 Inches	1.757
The same again	1.757
The Diameter at the Head 38 ! Inches	1.358
Their Sum	4.872
The Length of the Vessel within 72 Inches	72
	9744
	34104
The Content in Wine Gallons	350.784

For Note that $\begin{cases} 125 \\ 250 \\ 375 \\ 625 \\ 750 \\ 875 \end{cases}$ is equal to $\begin{cases} 1 \\ 2 \\ 3 \\ 5 \\ 6 \end{cases}$ Pints,

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An Appendix,

CONTAINING

HEADS

Of Daily Use to all

TRADERS



LONDON:

Printed for John Dunton, and John Harris, in the Poultry. 1 6 9 3.



An Appendix, &c.

OF

Traffick in general.

HE Antiquity of Traffick appears by Holy Writ; and the great Use and Benefit that doth accrue by it, is generally known; for what Nation or City is more rich or flourishing, than those who enjoy the greatest Commerce? Amongst which, England may be esteemed in the first Rank.

Besides, many rich, potent and flourishing Cities have been ruinated, and like a Widow left defolate, when they have lost their Commerce with other Nations. Therefore a Merchant, as one wifely faith, ought to be fuch an one as is always bufie, and employing himfelf in buying, felling and bartering of Commodities, as well in Foreign Countries, as here at home, and by employing of Factors for the Negotiating of his Affairs; he ought to be just in his Dealings, without Fraud, and no Extortioner, to have Experience in the Mathematicks, especially in Arithmetick, for the better methodizing and keeping his Accompts; in Pythometria, or Gauging, for the understanding of the Measures of all forts of Vessels; in Geography, for the knowledge of the Sitution of Countries, Illes, Cities and Ports, what Commodities they produce, &c. To be expert in Naval Affairs, for the better avoiding of Injuries and Wrongs; to have infight in the valuation and worth of Coins, Weights and Measures of all Countries; especially in those where he driveth a Trade, and not altogether to build his Faith upon the Honelty of his Factor or Correspondent. The like is to be observed in the Customs, Subsidies, Tributes, Tolls, Sc. of each Country, which are payable upon every particular Commodity, both Imported and Exported, which elsewhere will be more conveniently treated of; But to the Delign it felt.

of one Man with another; and by giving to one to much of one Com-

modity or thing, to have of the other so much of the same value, of a different Commodity; which is effected by Number, Weight and Measure.

By Bartering, is meant Goods for Goods.

By Bargaining, is understood Mony for Goods; And,

By Exchanging Mony for Mony.

Yet oftentimes the Trade of a Merchant is more various; for fometimes he buys and fells his Commodities for part Mony, and part Time; and fometimes for part Goods, and part Mony, payable by Bills of Exchange, or by Bill of Affignation, at fuch a Day, and fometimes by Bill of Exchange, only they receive fatisfaction for their Goods.

TRAFFICK is upheld in several sorts of Cities and Towns, as well by those that have not their situation on the Sea shore, or great Rivers, as by those that have. Yet those Cities that have the said benefit, have some place to which they send their Goods, which is situate as aforesaid; as, the Sea-port to Aleppo, is Alexandria, or Scanderoon; to which place they convey their Commodities upon Camels, Asses and Negroes, or the like. Again, there are other Places which do maintain Trade different from the former; and that, is, by some Manual Arts or Fabricks, as doth Norwich in England, Florence in Italy, Roven in Normandy, Noremburg in Germany, &c. Also other places have a great Trade by reason of the necessary Commodities they produce; as Silan in Persia, for its Raw Silk; Smirna for its Cottons; Bourdeaux for its Gascoyn Wines; Ivisa for its Salt; Zant for its Corants, &c.

To the making a compleat City, there are required fix principal things or parts, for the supportation thereof; without which it cannot fland: to wit.

First, Husbandmen and Artificers, to provide Food and Rayment

for its Inhabitants.

Secondly, Arms and Ammunition for its Defence.

Thirdly, The Prietthood, for the performing the Worship of God-Fourthly, Judges and Counsellors, G. for the Administration of Justice.

Fifthly, Riches, for its Management of private and publice Affairs. Sixthly and lattly, To make it compleat, Traffick; which, except

Religion and Law, oft-times supplies the place of all the rest.

Also there are five particular places in all Cities and Towns of Commerce, which have only a dependency on Traffick, viz. 1. The Exchange. 2. The Custom-House. 3. The Publick Beam. 42. The Magazines, or Ware-bouses. 5. The Place where by consent of the Magnitrates the Measures, as well liquid as dry, are kept for the deciding of Differences.

In Bargaining and Bartering of Commodities, these following Rules are to be observed;

First, What to Bargain for; and by this is meant the Goodness,

Valuation, Quality, Gc. of the Commodity.

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Secondly, How to Bargain; By which is understood the knowledge of Weights and Maclines, whereby they are fold

of Weights and Measures, whereby they are fold.

Thirdly, When to Bargain; By which is to be understood the best and fittest Seasons, which is of great use, and very needful to be duly heeded.

Fourthly, With whom to Bargain: And by this is meant the

knowledge of the Party, or Seller, or Buyer.

Of Coins, Weights, and Measures.

Coins, Weights and Measures are of such necessary Use in Commerce, that it is almost impossible for any Merchant to traffick in Foreign Countries, without a true knowledge and infight therein. And this is something difficult, by reason that in all Countries, nay, in most Cities, their Coins, Weights and Measures are found to differ one from another, not only in respect of their Names, but also of their Valuation, Weight and Measure. Note therefore, that all Coins or Mony are valued according to the real goodness of the Metal; those of Gold and Silver are the chief; then those of Copper, Lead, &c. The Weights are likewise various, and many times differing according to the Commodity which is properly weighed by it: As in Aleppo, some are weighed by the Rotolo of 680 Drachms; some by that of 700; and others by that of 720 Drachms. Also in England, raw Silk is weighed by the pound of 24 ounces; whereas others are weighed by the pound of 16 ounces, as that of Haverdupois; and 124 as that of Troy weight. Again, they are found to vary in respect of their Greatness; some being weighed by Hundreds, some by Centiners, Quintles, Talents, Thousands, Cahars, Weighs, Roues, Stones. Shiponds, Lisponds, Candils. Charges, Peculs, and such like. These also are reduc'd into lesser Weights, as Quarters, Pounds, Maunds, Bateman's, Wesno's, Rotolo's, Sears, Mirias, Catees, Loderoes, Barotes, Oaks, and the like. Again, there are yet a letter fort, which are made out of the former; as Ounces; whereof 12, 14, 16, 20, 24, and 30. do according to the Cultom of the Place, make a pound Weight; and these are reduced into Drachms, Scruples, Oboles, Carats and Grains; fo that the greatest do contain the lesser parts. may be feen how great the variety of Weights are. The like is also in Measlires, as in London the Yard is used for Silks, Woollen Cloth, Sc. the Ell for Linnen Cloth, &c. and the Goad for Frizes, Cotton, and the like, which in feveral other Countries is also observed; only giving diversity of Names to their Measures; as the Yard, Ell, Goad, Fathom, Cane, Aulne, Brace, Pico, Stick, Palm, Vare, Covado, &c. And because the Merchant found it defective, for the more perfection they invented the Art of Concave Measures, serving for all Liquid and Dry Commodities, as for Wines, Oyls, &c. as also for Grain, Rice, and the like.

The English Foot, as it was taken from the Iron Standard at Guild-Hall, London, and compared with the Standard for Measures of several Countries and Kingdoms: By Mr. John Greaves, Professor of Astronomy in the University of Oxford.

The English Foot being supposed to be divided into one	
thousand parts; of these parts.	1000
The Roman Foot contains	967
The Foot of the Monument of Statilius in Rome,	972
The Foot of Villaipandus, deduced from the Congius of	
Vespasian, Contains	986
The Greek Foot contains	1007
The Perfian Arish	3197
The Venetian Foot	1162
The Paris Foot	1068
The Rinland Foot, or that of Snellius	1033
The greater Turkish Pico at Constantinople,	2200
The leffer Pico at Constantinople is in proportion to the	
greater, as 31 is to 32.	
The Dairy or Cubit at Cairo in Egypt,	1824
The Canna at Naples,	6880
The Braccio at Naples,	2100
The Braccio at Florence,	1913
The Braccio at Sienna for Linnen,	1974
The Braccio at Sienna for Woollen,	-1242
The Genoua Palm,	815
The Vara at Almaria and at Gibralter in Spain,	2760
The Amsterdam Ell,	2268
The Antwerp Ell,	2283
The Leyden Ell.	2260

A Table of the Gold and Silver Weights of divers Kingdoms, as they were taken from their Standards, and compared with the Denarius.

Fa-Sc. rfe-Li-

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Such Grains or parts of the English Standard for Gold and Silver, or of the Troy-weight, as the Denarius Con-	1
fular is, contains 62, according to the Weights of the	Grains.
best Coins, or according to the Weights of the Congeus	62
of Verbasian.	02
The Ancient and Modern Roman Ounce, contains	1-0
The Ancient and Modern Roman Pound of 12 Ounces	438
to the Pound, contains	1
The Troy or English Ounce contains	5256
The Troy or English Pound Standard of Gold and Sil-	480
ver, at 12 Ounces to the Pound, contains	
The Spanish Pound or Standard for Gold and Silver of	5760
16 Ounces, at Gibralter, contains	#
Alfo here is another Pound, which contains	7090
The Spanish Ounce at Gibralter, the Pound confisting	7085
of 7090 Grains English, contains	4401
The Florence, Legorn and Pifa Pound or Standard for	443 3
Gold and Silver, confifting of 12 Ounce, contains	5286
The Florence, Legorn and Pifa Ounce contains	
The Paris Pound or Standard for Gold and Silver, con-	4402
fifting of 16 Ounces, contains	7560
The Paris Ounce, contains	4722
The Venerian Pound or Standard for Gold and Silver,	4/42
confifting of 12 Ounces, contains	5528
The Venetian Ounce contains	4603
The Sienna Pound or Standard for Gold and Silver, con-	4003
fifting of 12 Ounces, contains	5178
The Sienna Ounce contains	4313
The Neopolitan Pound or Standard for Gold and Silver,	43.7
confitting of 12 Ounces, contains	4950
The Neopolitan Ounces contains	4122
The Genoua Pound or Standard for Gold and Silver,	
confitting of 12 Ounces, contains	4865
The Genous Ounce contains	4503
The Oak of Constantinople, consisting of 400 Silver	
Drachms, contains	19118
The Silver Drachm generally used throughout the	
Grand Seigniors Territories, as also in Persia, and in	
the Moguli Country, contains	4750 The
Aaa4	The

The Turkish Sultany, or Egyptian Sheriff, with which the Venetian and Barbary Chequin, as also the Noremburg Ducat, (which is about a Grain more or less) doth agree, contains

The Rotulo at Grand Cairo in Egypt, for Gold and Silver, consisting of 144 Drachms, contains

The Rotulo at Damajous, consisting of 720 Drachms for Silk, contains

Of Exchange.

Exchange of Mony is of great Antiquity, and is efteemed exceeding commodious, excellently ufeful and beneficial, as well to Kingdoms and Cities in general, as to Mershants and others in particular: And as Mony was first invented to be made of the best Metals, for the avoiding of chargeable and troublesome Carriage, and Transfortation of Commodities from one place to another in way of Trade; so was Exchange of Mony first invented for the avoiding as well the danger as the trouble and charge in the carriage of Mony from place to place; and by reason that the Standards, Stamps and Subscriptions of Monies are found to be various and different (no Nation making use of anothers Coin) Merchants were forced for the better performance and carrying on this excellent Invention, to appoint a certain Exchange, by giving Value for Value according to the Fineness or Courseness of the Coins, with a certain Allowance to the Merchant exchanging.

Seeing then that Exchanges are of fuch great use and importance, the Merchant ought to have great insight and knowledge in the Coins of Foreign Countries, that he may be able to reduce one Coin into the valuation of another, by raising or abating according to the Goodness or Badness of the Metal; that when he hath occasion to draw a Bill of Exchange upon one of 1000 l. here at London, to be paid in France, Holland, or essewhere, he may know the Loss or Gain.

The true Exchange for Monies by Bills of Exchange, is really grounded on the Valuation, Fineness and Weight of the Mon of every Country according to the Par, that is, Value for Value; and on this are the Exchanges of England grounded.

Exchanges are made by Bills, when Mony is delivered fimply here in England, and Bills received for the fame to have the payment in some other Country beyond the Seas, for Goods here bought, or the like, at a certain price agreed upon: The like is observed beyond the Seas, and the Mony received here in England.

The meaning of a Bill of Exchange, is thus to be understood; Suppose two Merchants have correspondence and dealings together, the one here in England, and the other in France; the Merchant in France

having bought Goods of a man, to the value of 500 or 1000 l, the man being to come to England, comes to the Merchant for his Mony, who being perhaps not provided, or otherwise the man desirous to have his Mony paid him in England; the Merchant upon these or the like considerations, draws a Bill of Exchange for the said Sum upon his Correspondent here in England (who perhaps is indebted to him in greater Sums) to be paid upon sight, or within such a time after sight, either upon Vance, or double or treble Vsance, as they agree.

Again, sometimes Gentlemen or others having occasion to travel beyond Seas, for their conveniencie, pay their Mony to a Merchant here at London, desiring him to draw a Bill of Exchange for the same upon his Factor, or some Merchant with whom he hath correspondence, at the place where the Gentlemen do design their sources:

which Bill is ordered to be paid as aforefaid.

The Form of a Bill of Exchange from London to Amsterdam, and the Contrary.

Laus Deo Adj. June 10. 1683. in London, for 600 l. at 34 s. 6 d. At Usance. Pay by this my first Bill of Exchange, unto A. B. the Sum of fix hundred Pound Sterling, at Thirty four Shillings and fixpence Flemish, for every Pound Sterling current Mony in Merchandize; for the value hereof Received by the C. D. and put it to Accompt, as per Advice.

A Dio. G. M

On the Backfide Indorfed, To my Loving Friend W. G. Merchant at Amsterdam, Pa.

This is the Form of a Bill of Exchange for Mony, delivered and taken up at London, for Amslerdam.

The Second Bill doth alter in the addition of these Words only.

At Ulance, not having paid by my first Bill, pay by this my Second Bill, &c. And so in the third; for there are commonly three Bills made of the same Nature.

Laus Deo Adj. August 20. 1683. in Amsterdam, 200 l. 33 s. 6 d.

At Usance. Pay this my first Bill of Exchange unto W. M. the Sum of 200 l. of Lawful Mony of England, for the value here by me Received of J. K. Make him good Payment, and put it to your Accompt: God keep you.

Subscribed, W. G.

On the Back-fide Indorfed,
To my Loving Friend Mr. G. M.
Merchant at London. Pa-

This is the Form of Bills of Exchange. The time of Payment may be made upon Sight, or within fo many days after Sight, or upon double or treble Usance; that is, two or three Months; also you may fay, Put it to the Accompt of such a Man: But the best is to refer it to the Letter of Advice; and where the first Bill is noted Pa. the second must be 2 a, and the third, 3 a. Neither is it good to fay, I would intreat you; or, Be pleased to pay this Bill, the the Servant, or Factor, draw a Bill on his Master. And if it shall happen (as oft-times it doth) that through default, the Mony is not paid according to the limited time, or the Bill not accepted; then, and in fuch cases, there is a Protestation made by some Publick Notary, or the like,upon the Bill for the Non-payment, or Non-acceptance thereof; and this is esteemed much to the Difreputation of the Party so denying the same. Abundance of other Rules and Orders are obferved about the Acceptance and Non-Acceptance of Bills of Exchange, which are handled at large in a Book called Lex Mercatoria.

Of the Par of Exchanges.

To omit the unnecessary Discourses of the variety of the Pars as also Directions for the Calculation thereof; these things being at large handled in the Map of Commerce in English; and Canter-tript per twisselfel handlung in Holland and High-Dutch; I shall only here observe what is the reputed Par according to the intrinsick value, or as is generally received amongst Merchants. But before this be done, it will be necessary to premise in what denominations every Country and City do keep their Accompts, and make their Exchange; which take in the following Method.

LONDON,

All Foreign Exchanges made for England, Scotland, and Ireland, are made at London, and Accounts are kept there in Pounds, Shillings, and Pence; twenty Shillings make a Pound, and twelve Pence a Shilling, as is very well known; and fo generally (which, Note, N. B. once for all) where any Country or City hereafter, is faid to keep their Accounts in Pounds, Shillings and Pence, or in Livers, Souls and Deniers (as they call them) that they are always Divided and Multiplied by 12 and 20; fo that 20 Shillings or Soiz, make a Liver or Pound, and 12 Pence, or Deniers, make their Soulz or Shillings.

London then exchanges with Italy, as with Venice.

Where Accounts are kept in Ducats and Groffes; 24 Groffes make a Ducat, which is 6 a livers or pounds, under which denominations

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denominations some Merchants in Venice do also keep their Accounts; but the course of Exchange is always made upon the Ducat and Grosses. The Ducat is twosold, either de Ovo or Banco, which is Par with 52 d. Sterling, or de Curranto, which is Par with 40 d. sterling, in which broken Numbers London always exchanges with Italy, giving them the Pence for their Ducats or Crowns, &c. The course of Exchange for Venice from London, is generally 50 d \frac{1}{2} to 51 d. Sterling in Circa for their Ducats in Banco.

Bergonia.

The same with Venice, whither England hath little Exchanges directly.

Florence.

Where accounts are kept in pounds, shillings and pence de Ovo, but they Exchange upon the Crown de Ovo, which is valued at 7 s. \frac{1}{2} of their pounds, and their Crown currant at 7 l. and their Pound or Liure may be par with 9 d. sterling, their Crown currant Par with 63 d. their Crown Banco or de Ovo, with 67 \frac{1}{2} d. sterling. There is seldom any direct course of Exchange from London thither; but to

Legborn

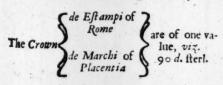
There is a Course of Exchange at 53 d. sterling in Circa, for their Crown de Ovo, being of the same value with that of Florence.

Luica.

The same with that of Florence and Leghorn.

Rome, Placentia and Bolonia,

Keep Accounts in Crowns, Shillings and Pence de Ovo. One Crown makes twenty shillings, twelve pence makes one shilling.



The Juliers is 10 Bayoochysi

England hath no direct course of Exchange to any of these places, or very seldom.

Naples, Barry, Lecby,

Keep Accounts in Ducats, Tary and Grany, and Exchanges thereupon, only they make a difference betwixt the Currant and Bank Ducat, the one being called Moneta de Ovo, the other Moneta Curranto.

One Ducat is 5 Tary, the Par with London is 60 d. Sterl. for one

Ducat.

One Tary is 20 Grani; the Tari is 1 s. sterl. in value.

One Crown de Ovo is 6 \(\frac{1}{2} \) Tari, or 78 d. sterl.

One Crown currant is 5 Tari, or, 66 d. sterl.

One Ducat Exch. Mony is 6 Tari, or 72 d. sterl.

One Ducat currant is as before, 5 Tari, &c.

England hath no direct course of Exchanges to these places, or at least but very seldom.

Genoua

Keeps Accounts in pounds, shillings and pence de Ovo; some in pounds, shillings and pence currant; but the Exchange is made upon the Crown or shilling de Ovo; the currant Liure or pound is valued at 18 d. sterling; the Crown de Ovo is not always at own constant price; but rises and falls; it should contain 68 shil. but it rises sometimes to 4 l. 10 s. and to 5 l. of their Monies; neither is there here any constant course of Exchange from England.

Milan .

Keeps Accounts in pounds, shillings and pence, but Exchanges upon the Crown de Ovo; which is sometimes, and for some places said to contain 100 s. or 5 l. of their Monies, and other times and for other places contains 117 s. of their Monies; The Currant Mony is here called Imperial, the Bank de Ovo, the Crown of 5 l. or Liures, is par with 60 d. sterl. The Crown of 5 l. 17 s. with 73 d. in Circa, nor is there any constant course of Exchange to this City.

Palermo, Messina,

Keep Accounts in Ounces, Tari and Grani, and exchange in Ducats, Carlini, Crowns and Florins, or Gilders.

One Ounce contains 30 Tari, the Par of an Ounce with London

is .12 s. 6 d.

One Tari contains 20 Grani; one Tari is & d. fterling.

One Tari contains 2 Carlini; one Carlini is 2 d. 1

One Carlins contains 10 Grans; one Grans is 1 q. sterl.

One Grani contains 6 Piccollii.

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One Ducat contains 13 Tari, or 26 Carlins; which is Par with 65 d. sterl

One Crown currant 12 Tari, or 24 Carlini; valued at 60 d. sterl. One Florin 6 Tari, or 12 Carlini, valued at 30 d. sterl. England hath very little Exchange directly to these places.

London exchanges with Spain, as with Valentia, Barcelona, Saragoza; where Accounts are kept in pounds, solilings and pence; but they exchange upon the Ducat; which

in Saragoza
Barcelona is valu-21 s. of their days. Monies.

The Currant Monies of these Places are Ryals; whereof 10 are reckoned to a Pound or Liure; so that the Ducat

of $\begin{cases} Valentia \\ Saragoza \\ Barcelona \end{cases}$ is $\begin{cases} \frac{1}{2}, \frac{1}{2}, \\ \frac{1}{12}, \\ \end{cases}$ Ryals.

The Ryal is 2 s. in their Monies.

The Par with London of Valentia's Ducat, is 63 d. sterl. The Par with London of Saragoza's Ducat is 66 d. sterl.

The Par with London of Barcelona's Ducat is 6 s. sterl.

They have also a Crown at Barcelona, valued at 22 s. sterl. of their Monies,

There is no constant direct Course of Exchange to these Places from England.

Sevil, Cadiz, Alcala, Madrid, and all Castilia, and in all the rest of Spain

Accounts are kept in Marvedies; but for Exchange, they have an imaginary Ducat, which is always accounted for 375 Marvedies, or one Marvedy more than 11 Ryals, 34 Marvedies making one Ryal; their Crown of Gold is valued at 400 Marvedies; they have also an imaginary Coin which they call a Castiliano, with which all their Exchanges for Castilia are only made, valued at 485 Marvedis.

The Par of the Ducat of 375 Marvedies with London is 5 s, 6 d. \frac{1}{4}
fterl. The course is ordinarily 49 d. 50 d. to 51 d. fterl. in Circa.

London

London exchanges with Portugal, as with Lisbon.

The Exchange from London to Lisbon is made upon the Mill Ree;

hing, according as the Exchange runs.

N. B. When I remit Monies from London to France, Spain and Portugal, Sec. where it is at so much per Piece as 54d. 4 per Crown, 49 d. per Piece of Eight, 63. 8 d. per Mill Ree, 8cc. The lower the Exchange is, the better it is for me, because if I deliver 100 l. I can have more Crowns at 54 d. than at 55 d. and so when I draw, I must observe the contrary, that the higher it is, the less change I shall pay. But when I remit for Holland, Hamborough, Ireland, &cc. where Exchange runs at so much per pound sterr on much per Cent. the higher it is, the more is my gain; for I had better remit for Hamborough at 35 s. 3 d. Flemish per pound sterling, than at 35 s. and so for Ireland, where Exchange runs at so much per Cent. Sometimes when I pay 100 l. in London, I have a Bill payable in Dublin for 170 l. and other times but 105 l. according as the Exchange runs.

London Exchanges with France as with Paris, Roan, Lyons, Befanson, Marfeles, Bourdeaux, &c.

In all which places Accounts are kept in Pounds, shil and pence Tournois, but their Exchange is made upon the Crown de Or, or Crown of the Sun (as some call it) which is valued at 3 l. (or Livres) Turnois, or 60 s. (or Solz.) These Crowns are also divided into 20 s. de Or. the Shil into 12 d. de Or. These Crowns de Or, or Crowns of the Sun at their first Coinage did bear the true worth and value of 6 s. sherl. but the present Lewis's are not worth above 54 d. sterl. The course of Exchange from London to any of these Places, is about 54 a 55 d. sterl for a French Crown of 60 s. (or Soulz) which is reckoned to be 30 or 32 per Cent. advance, when Mony is delivered in England.

London exchanges with the Netherlands, as with Antwerp for Brabant, Riffels and Liste for Flanders, Amsterdam for Holland, Roterdam, Dore and Middleburg, &c. for Zealand, Colen for Germany.

In all these Places Accompts are kept in Pounds, Shillings and Pence Flemish, or in Gilders, Stivers and Grotens Flemish, as the Merchants sancy; but the Exchange is made upon the Pound Flemish for the most part.

For the better understanding of the Exchanges of this place, 'is

necessary to hint something of their Coins and Value.

1 Pound Flemish is 20 s. Flemish.
1 Shilling Flemish is 12 d. Flemish.

1 Gilder is twenty Stivers.

1 Specie Dollar is 50 Stivers, or 2 ½ Gilders, or 100 Groten (1 Stiver being 2 Grotes) or 8 s, Flemish.

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I Lion Dollar 40 Stivers.

J Common Dollar 30 Stivers.

Zealand Dollar 30 Stivers.

Gampen Dollar 26 Stivers.

r Embden Dollar 23 Stivers.

The Par between London and these places is reckoned generally to be 33 s. 4 d. for the pound sterling; but the course varies from 36 s. 3 d. Flemish, to 37 s. and upwards.

London exchanges with Germany, as with Hamburg, Lubeck.

Who keep their Accompts in Pounds, Shillings and Pence Flemith, or in Marks, shillings and pence Lubs, or in Rixdolars, shillings and pence, as the Merchants please; they Exchange upon the pound Flemith, and upon the Specie Dollar, or upon the Exchange Dollar.

For better understanding bereof, Note that

I Rixdollar is 3 Marks Lubs, or 48 s. Lubs, or 8 s. Flemish.

1 Mark Lubs, is 16 s. Lubs; 1 shilling Lubs is 12 d.

I Exchange Dollar (whereon Exchanges are made with Amsterdam and Frankfort) is 32 s. Lubs, and is Par with 32 Stivers at Amsterdam, or Marks Lubs.

The Par betwist London and these places, is reckoned to be 32 s. Flemish for 1 l. sterling. The course is 35 s. 6 d. in Circa.

Frankford, Nuremburg, Ausburg, Vienna, Leipzich, Strafburg, Magdeburg, Berlin, &C.

London hath very feldom any Exchanges directly to any other places in Germany; but if there be any occasion to remit Monies to, or draw Monies from any other Cities of Germany, (as Frankford on the Main, Nuremburg, Ausburg, Vienna, Leipzig, Strasburg, Bremen, Magdeburg, Berlin, or any such like places) they do it either per via Amsterdam, Antwerp, or Hamburgb; wherefore it will not be unnesterating to observe how far the Par of these places bears one with another.

Hamburg

Exchanges with Frankford, Leipzig, Ausburg, Nuremburg and Breslaw in Silesia, as also with Steetin, Straelsond, and Wismar in Pomerane, &c. upon the 100 Specie or current Dollars at so much per Centum; so also with Berlin, Magdeburg, Vienna, &c. and all the places of Germany.

Am-

Amsterdam

Exchanges with Answerp 48 Stivers for 96 d. which in both places makes a Rixdollar.

Amsterdam exchanges with Paris 100 d. Flemish for the Crown of 60 Soulz, or for the Lewis.

Amsterdam exchanges with Venice 100 d. Flemish for the Ducat de Ovo.

Amsterdam exchanges with Frankfort 87 3 d. Flemish for the Gilder a 65 Krentzers.

Amfterdam exchanges with Nurenburg 72 4 d. Flemish for the Gil-

der a 65 Krentzers.

Amsterdam exchanges with Leipzig and Breslam, and other places in Germany 50 Stivers for a Specie Dollar; and these are the Pars of Amsterdam.

Amsterdam exchanges with Colen, Rrssel, Roterdam, Middleburg, Dore, and such places; they exchange upon the Hundred at so much

per Cent. as the time of Payment is short or long.

Amsterdam exchanges with Hamburg upon the Exchange Dollar of 32 Stivers, at Amsterdam, and 32 s. Lubs, at Hamburg, which is the Par at both places.

London exchanges with Poland and Prusia, per via Amsterdam or Hamborough, as with Dantzick, Koningsburg,

Where Accounts are kept in Gilders, Grosh, and pence Polish; I Florin or Gilder is 30 Grosh, I Grosh is 18 d. Polish, 3 Gilders or 90 Grosh make a Rixcurrant Dollar; Specie and Cross Dollars give at present from 15 a 17 Grosh aggio. These places draw upon Hamborough upon the Specie Rixdollar, or so many Dollars Banco; the course usually about 102 to 105 Grosh Polish for I Dollar

in Banco; and being the Rixdollar in currant Monies at Dantzick and Koningsburg, is valued at 4 s. 6 d. sterl therefore the Merchants usually reckon what they get in Exchange above 90 Grosh Polish for a Bank Dollar at Hamborough, is so much profit and advance by the Exchange.

When Dantzick values upon Amsterdam, Merchants reckon whatever they advance above 216½ Gs. Polish for the pound Flemish in Banco, is so much profit to the Drawer; for 216½ Groshes Polish is reckoned to be Par with 1 pound Flemish in currant Moneis. The course betwixt Dantzick and Amsterdam at present is 254 Grosh in Circa. But N. B. as Corn advances in price, the Exchange falls, so that I have known it sometimes under the Par.

The same may be said of Koning sburgh, with this Exception, that

it values always on Amsterdam in currant Moneys; the course at prefent may be about 242 Grosh for a pound Flemish.

Dantzick and Koningsburgh Exchange one with another at so much

in the Hundred; the course at present is Par.

Dantzick Exchanges with Brellaw in Silefia at fo much per Cent. there being very little difference in the value of the Monies.

London Exchanges with Sweden; as Stockholm.

Which exchanges for all Sweden properly fo called per via Hamborough or Amsterdam.

Sweden

Keeps Accounts in Copper Dollars, whereof five are reckoned to be worth (and Par with) a currant Rixdollar, or three Gilders Polifh, 4s. 6d. sterling. They have a Silver Dollar, which is called the Swedes Rixdollar, and is in value but half a currant Rixdollar of Germany or Poland, or 2s. 3d. sterl. In this Specie the Customs of all exported Goods must be paid, and it is divided into 32 Ore, as they call them.

The Dollar in which the Customs of all imported Goods must be paid, is the Swedens Copper plate Dollars, which are in value twice as much as the other, viz. 90 Gs, or three Gilders Polish, or 4.5. 6 d. sterl in their Copper plate Dollar are reckoned 48 Ore. They have also Silver Mark, or Gilder pence, that are of the same value with the Marks Lubs, and Polish Gilders, viz. 18 d. sterl being the $\frac{1}{3}$ of a currant Rixdollar.

But they Exchange with Hamburg, (whereon the greatest part of their Exchange is made) upon a certain Mark, whereby 20 are reckoned to be Par with the Specie Dollar in Bank, and the course is sometimes 24 a 25 and upwards, per Specie Dollar; sometimes Exchange may be made directly upon London, and then though they reckon 20 Copper Dollars to be Par with 20 s. or 1 s. sterl. yet the course is frequently at 28 a 30 Copper Dollars per 1 s. sterl. but this is regulated according to the course of Trade.

London exchanges with Leifland, as with

Riga, Revel, Narva; but not direct, only via Hamburg and Anfterdam, as before was hinted of Sweden and Pruffia (and to these we may add Narva in Ingria, or Ingermanland in Ruffa, which is also under the Dominion of the Swedes.) At these places Accounts are kept in Specie Dollars and Grosses, reckoning 90 Grosses for a Specie Dollar.

Riga exchanges with

Hamburg and Amfterdam upon the 100 Dollars at 60 much per Cent. fometimes Par, fometimes five or fix per Cent. Lofs.

Revel and Narva

May probably use the same Method in Exchange, using Coins of the same value; but if they are not the same with Riga, they will doubt-less be the same with Stockholm; whether be referred.

Observe that

1 Specie Rixdollar is valued at 4 s. 6 d. Rerling.

8 s. Flemish, or fifty Stivers.

3 Mark Lub. at Lubeck and Hamburg.

3 Gilders Polish.

3 Livres French.

6 1. 10 s. Venice.

24 Good Grofh at Leipzick.
Six Mark or 96 s. Danish; one slight Dollar is four Mark Danish.

Six Mark Pomerish as Stralfond.

Twenty Mark Swedish.

Eight Spanish Rials or Marvedies 272.

30 s. or Rogfers Grofh in Breflaw in Silefia.

36 Marien Grofh, Lunenburgs, and Braunf-wicks

Two Marks Bremers, or fix Kopfitock.

Four Tary at Naples

30 s. or Koyfers Grofh

90 Krentzers at Ausburg and Nuremburg.

18 s. or Batzen in Frankenland and Smitzerland

90 Krengers at Serasburg and Frankfore 20 Keylers Groshes at Vienna, &c.

To reckon out the precise time of the payment of any Bill, payable at any time after Date, it is necessary to know the difference of the Old and new Style, if the places from whence it is drawn, and on which it

is drawn, observe a different Style.

For better Information herein, these following places observe the

New Style:

Amsterdan, Dordrecht, Harlaem, Leyden, Rotterdam, and all the United Provinces of Holland, as also Middleburgh, Ulissengen in Zealand, Antwerp, Brugge, Dornick, Ghent, Rosel, Brussels, Valentan, and all Brahant, Flanders and Artois, Bordeaux, Lyon, Marselles,

Nants.

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Nants, Paris, Roan, Rochelle, and all France, Lessalon, St. Hiebes, Port a Port, and all Portugal, Alicant, Bayonne, Bilboa, Cadiz, Madrid, Malaga, St. Sebastian, Sebilion, Valence, and all Spain, Messina, Palermo, in Sicilia, Bari, Bargamo, Bisanson, Bologaien, Florence, Genoua, Lyborne, Lucca, Mantua, Milan, Naples, Rome, Venice, and all Italy, Ausburg, Crembes, Lints, Wien, and several places of the Empire, Bolzano in Tyrol, Breslam, and all Silesia, Colen, Dantzick, Koningsburg, Thorn, and all Poland.

These Places keep the Old Style.

England, Scotland and Ireland, Archangel in Muscovia, Berlin, and all Brandenburg, Copenhagen, and all Denmark, Embden, and all East-Friezland, Frank ford on the Main, Geneva, and the Protestant Cantons of Switzerland, Hamburg, and all Holstein, Lubeck, and all Mackinbrough, Leipsig, Magdeburgh, Naumbrough, and all Saxonia, Riga, and all Leistand, Stockbolm, and all Sweden, Strasburg, and all the Elsa's, &c. All the Popish Electors and Princes of Germany observe the New, and all the Evangelical Electors and Princes, they continue

To conclude this Head, I shall only add Copies of Bills of Exchange, as they are drawn in several Languages, viz. Spanish, Italian, Dutch and French.

Spanish.

still the Old Style.

3 bus. Malaga 13 Noviembre 1683. Ason 132 1. 7 s. 6 d.

A Quarenta dias vista pagara V M. por estami tercera no aviendo pagado por la primera y segunda a la voluntad de Diego P. Cienta treynta y dos libras siete sueldos y seis peniques esterlinus valor a qui recevida de Henrique G. y a su tiempo ar a V. M. buen pago asentandolas como aviso xpto conto dos.

A Juan D.

Antonio de S.

gde Dios Londres.

Italian.

e

5,

Adj. 18 Augusti 1683. In Venetia Du 1000 a d. 54 per Dro.

A Uso pagata per qua pma di Cambio alli SSrif de U. & figli d' Hamo (o) chi ordineranno Dti mille a d. cinquanta quatro per Dto valuta contmi e ponete Come vi s'avifa a dio.

Tomaso D.

Al Mag. Sre Ricardo W.

in Londra.

pma The Assignment on the back file thereof, is thus;

Et per noi pygate il contenuto diquetta senza altra procura al Sr. Gio W. Cambiot con S. Francisco R. Hamburgo 13 Augusti 1683. p. F. de V. & figli.

Dutch

Dutch.

Amsterdam adj. 27 June 1683. Voor. 100 1. sterlingt:

Op Uso, Betaelt desen myne eersten Wisselbrief a en Sr. Jan E. ost ordre hondert ponden sterlinex valuta van Sr. Robert G. stelt op myn rekeninge als per advys

Martyn P.

Erfamen Sr. Willem S.

Coopman

pma

tot London.

French.

A Paris ce 10 Juillet 1683. per 450 l. a 52 d. ft. per. l.

A Double Usance. Payez per ceste premiere de Change a Monsieur P. M. ou a son orde quatre Centz escus a cinquante deux deniers sterlins pour Escu valleur receu de Monsieur François L. & passez a compte suivant l'advis de

Voftre tres humble Serviteur

Daniel F.

Monsieur

Monsieur Guillaume G. Merchant a

pma

Londres

If there be an Affignment on the backfide thereof, it runs thus;

Le contenu de ceste payez au Sr. Pierre H. ou ordre valleur de Sr. Jean C.

Paris 26 d'Ougst 1683. Paul M.

Liverno, 21 August 1683. p. 239 l. 13 s. 9 d. sterl. a 59 d. Dol. 975.

Three Months after Date of this my first Bill of Exchange, my second or third not being paid, pay unto Mr. William G. or Assigns, the Sum of Two hundred thirty and nine pounds, thirteen Shillings and nine pence sterling, for the value received hereof, Mr. Thomas W. placing it to Accompt, as per Advice.

Thomas S.

To Mr. Robert B. Merchant in London.

Fina. If this Bill be affigued over to another Man, write on the backfide this;

Pay the Contents on the other fide hereof to Mr. Humphrey N. or Alligns, value of Mr. Jefeph B.

Liverno 21 September 1683.

Willsam G.

But

But if Humphrey N. do likewise assign the Bill for his Accompt,

Pay the Contents hereof to Mr. John D.

Humphrey N.

The Form of a Protest for Non-payment.

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On the Fifth Day of Angult 1683. Stilo Angliæ, at the Request of Mr. J. C. Merchant, I.W. K. Notary, Sc. do exhibit the Original Bill of Exchange, whereof Copy is hereabove, unto M. G. at whose House the Bill is payable in Thredneedle-street, London; demanding Payment of the Sum of Five hundred fixty three Crowns therein mentioned; who answered, he would not pay the said Sum for want of Provisions from the Accepter; and therefore I the said Notary did and do solemnly protest as well against the Drawers and Accepter, Sc. for want of Payment, Sc. in the presence of J. B. and T. C. Witnesses.

Over-head must be written the Copy of the Bill so protested against.

The Form of a Protest in French for Non-Acceptance.

Ce Jour buy 3 du mois d'August 1683. stila d'Anglia, a la requesse de Monsieur M. C. Marchand je G. W. Notaire, &c. ay, exhibe la Lettre de Change donc la Copie est ci dessous au Sieur C. H. auquel la ditte lettre est addresse luy requerant de la vousoir accepter ce qu'il a resus e de faire d'autant que la ditte Lettre est contresaite n'estant pas de la subscription du Tireur, & pourtant je la-ditte Notaire ay Proteste & Proteste par ces presentes solennellement contre les Sieurs Tireurs & Endorssers, &c. per saute de l'acceptation, &c. es presences de M. F. & J. P. Tesmoins.

Of Customs, Imposts, and other Duties paid upon Goods.

CUstoms, Imposts, and all other Duties paid upon Goods, are by the Law of Nations due to the Prince, as his Prerogative, in all Cities, Port Towns, Havens or Hirbors throughout his Territories, as well upon all Goods and Commodities Exported as Imported; and for the better receiving the said Customs, there are in all Places and Cities where Traffick is maintained, Publick Houses where Officers do attend B b b 2

for the receiving of the same; as may be seen in the Custom-House at London.

And though the Duty of Cuftom is generally paid in all places, yet the manner of Payment is found very different; as, in some Places they pay after the Rate of fo much per Cent. in ready Mony, and that very different; for in some places they pay three per Cent. as in Turkey, by agreement with our Conful; and in other places, 5, 10, 15, 20, 25 per Cent. or more or lefs, according to the Orders of the Place.

Again, in some places they pay after the Rate of so much for every Hundred weight, and that varying in their Prizes according to the goodness and worth of the Commodity; And in some places they are very low in fome commodities, and high in others; and in some pla-

ces high in all.

Further, they are found to differ in respect of Time; for in many Hans-Towns, and Free Cities, as Leghorn, and the like, they pay the faid Customs (which are but low) within a set time, where-

as others will not be fo contented.

Also there is a time to be observed in many priviledg'd Places, enjoying free Marts and Fairs as doth Roan, Frankfort, Beaucair, Messina, &c. where at such times the Customs are so low that they are not worth regarding.

And lastly, in some places they receive their Customs in species Seeing then that the Cuftoms and other Duties payable upon Goods, are fo various, the Merchant ought to be very knowing therein; wherein, for his further help it is necessary he be furnished with a Book or Books of the Rates of Commodities of the Place or Places where he hath Commerce; which Books are to be had in all places where Traffick is maintained, either in Print or Manuscript.

And in the payment of these Customs and Imposts, great care, diligence and exactness is required, delays proving dangerous; for

in many places the Nonpayment renders the Goods forfeited.

Also Goods become forseited several other ways, and that according to the custom of the Place; as in Spain, all commodities concealed are only forfeited, which may be redeemed with some charge,

unless they be such as be prohibited.

The like is observed in England, where there are several Commodities prohibited; as wool, leather, allom, fearlet cloath. And laftly the coyn whether gold or filver, is strictly forbidden; so that if any is found with an intention to be exported, it is not only forfeited to the King, but also the party if found, is Lyable to a great Fine.

In Germany and the Low countries, as also in Turkey, and most places of Italy, the Goods only concealed are forfeited, which may be had again, paying composition, which is more or less according

to the groffness of the offence.

In Sweden, Denmark, and Ruffia, not only the Goods concealed are for-

forfeited, but also all the commodities of that kind that the Merchant Owner hath on board. In England, not only Goods conceald, but all Goods falfly Entred at the Custom-house (whether Inwards or Outwards) are liable to seizure: As, if you have a parcel of Fanns to enter Outwards, and you Enter them as Haberdathery, and pay the cultom accordingly; this would a False Entry, because Fanns pay ad Valorem, which is 1 s. for every 20 s. value. So that when they should come to the water fide to be shipt off, the Searcher finding in your Coquet fo many pounds or hundreds of Haberdashery; and opening your cheft or case, and finding Fanns included, would feife all those Fanns and carry them into the Kings Ware-house, because of your false entry, and being once in the Ware-house, you'l have no small trouble and cost to redeem them; therefore great care should be taken, when you have any commodity to be entred Inwards or Outwards, that is not expresly mentioned under any Particular head in the Book of Rates, or plainly included, that you do not commit an Error in making a falle Entry, for in this case a mans ignorance, under what denomination to Enter his commodities, will not excuse his having made a false Entry. Therefore be fure in all fuch dubious cases first to go to some one or other of the Clerks at the Cultom-house, and tell them what your commodities are, and they will be fure to direct you under what denomination to enter all fuch dubious commodities.

Neither is it enough to discharge or pay the customs, but the sees of the several Officers must be discharged, as Bills of Entries, coquets, certificates &c. of the Wasters, Searchers, Clerks, Viscours, &c. all which Fees are set down in the Book of Rates, to

which I refer you.

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The Copy of an Entry Inwards, which may ferve as a general Direction, with the Copies of several things omitted in the Book of Rates, commonly fold.

In the Providence of London, John Bret Commander from Scanderoon.

John Young ..

No 1, Assa factida Baskets to 12. T 12 w Gross 3 C. ½
W Tare 36 l.
No 1. 2 Benjamin 2 Chests
w. Gross 6 C. Tare
30 l.

And thus if you have one, two or more particulars, you are to enter them under their respective denominations, adjoyning in the Bbb 4

Margin the Marks and Numbers: formetimes the Merchants make their Bills of Entry themselves; if so, 'tis usual to write five of a fort; but paying 6 d. you may have them made at the Custom-House; where you shall be sure to have every thing entred under its true Denomination, acquainting him that writes your Bills of Entry, what Commodities they are you have to Enter.

The Copy of a Bill of Health, or Billa Salutis.

OMNIBUS Christi Fidelibus ad quos præsentes Litera pervenerint, Nos Ministri Serenissimi Principis Domini nostri Regn Caroli Secundi in Portu B. in Regno Angliæ, Salutem. Cum pium sit & bonessum veritati Testimonium perbibere, ne Error & Deceptio præjudicii ipsum opprimat. Cumq; Navis nuncupata A. de B. cujus Nauclerus sub Deo est T. H. quæ sam parata est e dicto Portu discedere, & abbino Deo volente, ad L. & alia loca transmarina cum

hominibus in eadem Nave appellere. Hinc est quod Universitatis vestra tenere prasentium innotescimus, sidemque indubitatam facimus quod Deo optimo maximo summa Laus attribuatur, in hoc dicto Portu nulla Pestis, Plaga, nec Morbus aliquis periculosus aut centegiosus ad prasens existit. In cujus rei Testimonium Sigillum Ossicu nostrum apponi secimus. Datum hoc in Regio Telonio dicti Portus B. tertio die Augusti 1683. Annog; Regis Caroli Secundi, &c.

The Form of a Debenture.

Henry Gouge Ind. did enter with us the 28th day of July 1683. in the George Frigat, Benjamin Jones Master, for Ireland, Twelve Hogsheads of Tobacco, weighing Net four thousand five hundred and seven pounds; the Subsidy and Additional Duty whereof was paid Inwards by William Phriget the Tenth day of April last past, as doth appear by the Certificate of the Collector Inwards, and for the further manifestation of his just dealing herein, he hath also taken Oath before us for the same Custom-House. Brittol, the Day and Year above said.

Juravit Hen. Gouge, That the same Tobacco above-mentioned in this Certificate mentionedwereships was really shipt out, and hath not been re-landed in any Port or Creek in Engtant or Wales since last shipt. July 28. Certificate the 2d.of August, 1683.

The Kings Customer or Composite and Collector, or Farmers Searcher or Waiter to Comptroller to fign here.

The Moyery of the Subfidy of the faid Tobacco (5) / s. d. per Cent. being taken off in Mony) amounteth to Eight 8 4 3

The Additional Duty (ready Mony being paid, amounteth to the Sum of fifteen pounds four shillings and eight 15 4 8 pence.

The Kings Collector and Comptroller to fign here. 23 8 11

Received.

Received then of 168 of the Kings Majesty by the hands of G. F. Collector for His Majesties Customs in the Port of Bristol, the Sum of Twenty three pounds eight shillings and eleven pence, in full of this Debenture, per

The Form of an Indenture of Appraisement.

This Indenture made the Third day of September, in the Year of our Lord God one thousand fix hundred eighty and three, and in the five and thirtieth Year of the Reign of our Sovereign Lord Charles II. by the Grace of God of England, Scotland, France and Ireland King, Defender of the Faith, &c. Witneffeth, that we F. P. and C. E. Gent. His Majesties Commissioners, in pursuance of a Writ out of His Majesties Exchequer unto us directed, and hereunto annexed, have upon the Corporal Oaths of E. G. and F. R. lawful Men of London in the County of Middlesex, viewed, numbred, gauged, tasted, weighed, valued and appraised

in all amounting to the Sum of of lawful Mony of England: In witness whereof we have hereunto interchangeably fet our Hands and Seals, the Day and Year above

written.

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Endorse upon the back of the Writ,

Executio istius Brevis patet in quadam Indentura buic annexa.

The Form of a Certificate for Damaged Goods.

Partus | We whose Names are here under written, experienced in Brest. | the Nature and Value of the Goods hereunder mentioned, being by virtue of the Eleventh Article annexed to the Book of Rates, directed and appointed by J. P. and E. M. (upon Oath first Administred to us by the said J. P. and E. M.) to view and examine sixteen Hogsheads of Virginia Tobacco, containing 43 hundred waight

weight Nett; Entred Inwards out of the Ship Riebard and Edward of Exon, Samuel Green Mafter, from Virginia, the day of do Certifie and Declare, that eleven hundred pounds Net of the faid Tobacco is rotten, and fit for nothing: Witness our Hands the day of

Note, That this Certificate is alterable as the Damage of the Goods imported shall be found upon Examination, whether one fourth, one

third, or one half, more or lefs.

Write on the backside of the Certificate,

The Subfidy paid for the eleven hundred pounds of rotten Tobacco within mentioned, amounted to the Sum of

The Additional Duty paid for the faid Tobacco, amounteth to the Sum of

Total

Here is to foflow the Merchants Acquittance.

The Form of a Bond to be given by Strangers for the Employment of their Monies upon the Commodities of this Kingdom.

Noverint Universi per presentes
ceneri & sirmiter obligari Serenissimo Domino nostro
Regi Carolo Secundo in
Libris bona & legalis moneta Anglia, Solvend. eidem Domino Regi,
Héred. vel Executor. suis. Ad quam quidem Solutionem
bene & sideliter faciend. oblig.
per se pro toto & in solido Hered. Executor. & Administrator. firmiter per prasentes. Sigill.
Anno Dom.
Millesimo sexcentesimo octogesimo
Annoque Regni
dict. Dom. nostri Caroli, Di gratia Anglia, Scotia, Francia,
& Hibernia Regn, Fidei Desensoris, &c.

The Condition of this Obligation is such, that if the above-bounden F. G. do employ all such Sums of Mony as he shall receive for mentioned in one Entry this day made in the Custom-House of the Port of Plimouth, in the Name of R. N. Imported in the Ship or Vessel P. of H. whereof N. M. is Matter; upon the Commodities of this Nation within six Months next ensuing the Date above written, his reasonable Cost and Charges deducted according to the Statute in that behalf made and provided, That then this Obligation

gation to be void, or else so remain in full force and virtue, &c.

Sealed and Delivered in the presence of

F. G.

The Form of an Affidavit for Goods lost.

Londini- Memorandum quod E. L. de Lond. in Comitatu Middlefex, Mercator, venis coram E. F. Capital Barone Scaccarii, Regis die Anno Regis Caroli Secundi in propria persona sua, & prestitit Sacramentum suum in bis Anglicanis verbis sequentibus, viz. That whereas there were Entred in the Custom House in the Port of London, in the Ship called the Henrietta Maria of London, N. H. Master for Muscovia Twenty Trusses, containing two hundred Northern Kersies, the day of

in the year of our Lord in the Name of this Deponent. Now this Doponent faith that the faid Kersies were the proper Goods of this Deponent, and that the Customs of the same were duly paid, and further deposeth that he hath received undoubted intelligence that the said Ship was taken by the Enemy upon the Seas in her Voyage towards Musavia, and carried to H. and the Goods therein laden made Prize (or that the said Ship was lost, and the Goods therein laden perished in the Sea) and that neither he this Deponent, nor any other to his use hath received, or doth expect to receive any benefit of or by the said Goods, or any part thereof by any means directly or indirectly.

E. L.

The Form of a Certificate for Goods which had paid Custom.

London. Know ye that E. L. Indig. paid His Majesties Custom here the day of for Twenty Trusses, containing two hunderd Northern Kersies in the Henriceta Maria of London, N. H. Master for Moscovia Custom-House. Dated the day of

A Particular of Linnen Cloath Imported, with their Denominations and Lengths, English Measure.

Cam- The half piece

6 Ells and 1/2 Ells.

Canvas Vocat.

Dutch Barrass. Ells	28
Hessens Canvas.	28
French or Normandy Canvas the ordinary fort about	60
Normandy Canvas take the Contents which is English Ells	
French Canvas and Line-broad for Tabling uncertain Le	ngths.
Packing Canvas uncertain, but formerly pait at 22 Ells	
Crocus	23 or 24
Spruce Canvas,	23 or 24
Poldavies the Bolt	28
Elbing or Quinsborough Canvas	28
Strip'd or Tufted Canvas the piece	12
Vandalofe and Vitry Canvas Aulns	100
French is 115 Ells English. The length uncertain from 10	to 100 Ells.
Noyals properly fo called	1004
Damask.	
Tabling of Holland making, Yards	39
Towelling and Napkening ditto, Yards	39
Tabling of Silefia making Yards,	- 8
Towelling and Napkening ditto, Yards	12
Diaper.	
Tabling of Holland making about 39 Yards	
Napkening and Towelling ditto, Yards	39
Tabling of Silesia making Yards	8
Towelling and Napkening ditto, Yards	12
French Diaper, Tabling and Napkening, uncertain.	
Lawns.	
Lawns the piece, Yards	16
Ditto the half piece, Yards	8
Callico Lawns the piece of feveral lengths from 12 Yards t	26
French Lawns the piece, Yards	8
Silefia Lawns the piece, Yards.	8

Flanders and Holland Cloth.

Gentish Linnen the whole piece holds 42 Ells, and the half piece 21; but if contented, 70, they are Dutch Aulnes.

Isingham Linnen the whole piece holds from 36 to 38 Ells; take the Contents.

Ditto,

Ditto, the half piece 18 Ells, but if contented 31 or 32, the	are
Overiffels Cloth El	ls 29
	3 18
	\$ 29
Fireze Cloth the fame length,	/
Brown Holland is either Ifinghams, Gentish, or Bagg.	
Bagg Holland, Ells 29 1 0	F 20
	. 30
British Cloth of several lengths.	
	\$ 29
Elbing or Dantzick Cloth uncertain.	
Hamborough Cloath broad Ells	33
Ditto, Narrow, uncertain.	
Memorandum, Where Hamborough Linnen is contented, there	hath
formerly been allowed 2 per Cent. for measure.	
Silicia Cloth & broad holds Ells 28 Ditto, 7/4 broad h	
Ells 33 and 34 But if contented, Flemish Ells 68 and	
White Silicia Cloth in blew Papers, small pieces, holds 7 Ells	and
1, and comes in Chefts.	1
White Silicia Cloth in whole pieces 33 Ells.	
Ditto, half pieces, which comes in Chests. Ells 16	14.
Hinderlands are uncertain, but have formerly past at 17, 18	-
1900 Ells per Pack.	, 01
Muscovia Linnen uncertain.	

Lockrams.

Lockrams, Treagers, greft and narrow, or common Dowlas holds Ells 104
But in regard by the Book of Rates they are exprest 106 Ells, there hath formerly been allowed 2 per Cent. for shortness of measure.
Broad Dowlas 104 Ells, with the same allowance.
Hall Cloth 100 Aulnes is 165 Ells English, the Lengths uncertain.
Harfords have patt for Narrow Germany, and have the Contents upon each piece, with these differing Figures, 2 is 4, 4 is 5, 4 is 7; they hold English Ells, and have an Impression or Seal with Ink, with Harfords.
Ozenbriggs are finer Linnen marked with the same Figures, and contain English Ells generally, sealed with this Impression, Ozenburga.
Polonia Linnen Ells 24
Popes Ministers contain 28, 33, 34, 36 and 38 Ells.
Pomers (which is a flight Silejia) contains 31 Ells.
Lubeck Linnen uncertain.
Narrow Silefia divers lengths.
Narrow.

Narrow West phalia
Plain Napkening uncertain.
Narrow Cloth of High Dutchland uncertain.
Narrow Cloth of the East Country uncertain.
Twill and Ticking of Scotland uncertain.
Brunswick Linnen uncertain.

Brief Directions giving the Toung Merchants Light into the Method for entring of Goods Inwards or Outwards at the Custom-House, how to get Bills of Lading signed (with the Copy of a Bill of Lading) what meant by Fraight, Avarage, Bottommery, Insurance, (with the Copy of a Policy of Insurance) Commissions and Discompt.

Suppose you have 15 Bails of Cloth to ship off for Turkey; your Cloth being ready packt, take the true Contents thereof, which carry to the Custom House between the hours of 9 and 11 in the Morning, and give in the same to the Clerks appointed, where you shall find such care taken of Merchants, that from man to man the Clerks dispatch you without any undue preference; and having found out the first, he directs you to the second, and then he to the third, and so forwards, until you have the Commissioners (or Farmers) hands, and the Office Seal; and this with such order that it is not imaginable for any man, for any reason whatever, to be put besides his Turn, but every man served in due order as his business comes to hand. And no Clerk will demand more than his just Dues; if he doth, there is good Justice against him immediately, by complaining to the Commissioners (or Farmers) for the time being.

Having thus gotten your Coquet (which is a finall piece of Parchment tellifying the Payment of the Cuftoms and all Duties for your 15 Bails of Cloth) you fetch your Cloth from the Packers, and having put on your Mark and Numbers, then you fet the fame Mark and Numbers, on the back of your Coquet: mentioning the true Contents of each Bail; then go with your Goods to the Water-fide, when you come there, you must deliver your Coquet to the Searcher, with his Fee, what he demands; and pay the Wharfage and Portage of your Goods, and fo firp them in Boat, or Lighter, or Ship, as you are directed by your Matter; if you fend them by Boat or Lighter on board the Ship, you must order him that carries them, to bring you (be-

fore

fore you pay him) a Receipt from the Master, his Mate, or Purser, of receiving the said Goods on board the Ship, which Receipt is commonly in these Words, or to this effect.

Received the 19th of August 1693 on board the Good Ship Asiz, 15 Bails marked and numbred as underneath, per me I. R. Purser.

No. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 3 14. 15.

This Note justifies the Water man's delivering the Goods on board the Ship; and as soon as you have it, you must find out the Master of the Ship, and cause him sign your three Bills of Lading. Bill of Lading is an acknowledgment from the Master of the Ship for your Goods, with a Promise to deliver them at the place he is bound for. A Copy of which here follows.

Shipped by the Grace of God, in good order and well conditioned by me I. P. in and upon the Good Ship called the Asia, whereof is Master under God for this present Voyage R. M. and now riding at Anchor in the River of Thames, and by God's Grace bound for Constantinople, To say, 15 Bails of Cloth, being Marked and Numbred, as in the Margent: and are to be delivered in like good order, and No. well conditioned, at the aforesaid Port of Constantino-XI. to 15 ple (the dangers of the Sea only excepted) unto Mr. I. K. or to his Assigns, he or they paying Freight for the said Goods, Two Lyon Dollars per Bail, with Primage and Avarage accustomed. In witness whereof, the Master or Purser of the said Ship hath affirmed to three Bills of Lading, all of this Tenour and Date; the one of which three Bills being accomplished, the other

two to stand void. And so God send the Good Ship to her defired

Port in fafety, Amen. Dated in London the 20th of August 1683. Inside Contents not known, per me R. M.

The Mafter having figured you three Bills of Lading, keeps one of them himfelf, and leaves the other two with you, one of which you fend away inclosed in a Letter to your Correspondent, to whom the 15 Bails of Cloth are configured; the other you keep with you for a Testimony against the Master, if occasion shall so happen by Losses, or otherwise, whereby he may be forced to make satisfaction. Also the Bill of Lading which remains in your hand is of great concernment; for if in case the Goods are injured, and come to damage, or are lost, the Insurer will be forced by virtue of the same, to make you satisfaction for the said loss; for by the said Bill it will appear, that such and such Goods were shipped in such or such a Ship, by such or such a one, and configned to such or such a place, to such or such a one. This sor Goods Outwards.

But

But now for Goods that come into the Nation, you must, as near as you can, by your Letters and Factories, guess at what quantity of Goods you have, and then go to the Custom house, and carry Mony, and when you have the first Clerk, he will as before, send you from man to man, until you have accomplished your business; and having paid your Mony in the Morning, if you go to the Ship in the Afternoon, you will find there a Warrant for the delivering your Goods unto you.

Of Freight, Primage, and Averidge.

Freight is governed generally by the contract, and varies according to the Agreement, reduced generally into a writing commonly called a Charter-Party, executed between the Owners and Merchant, or the Malter in the behalf of himself and Owners, or himself and the Merchant, or between them all. The Merchant is bound by the faid Charter party, to the Mafter, or to pay for the Freight of the Goods laden, by him so much per Tun, Last, Pack, or the like, more or lefs, as is agreed upon according to the length, or dangerousness of the Voyage; and in most Countries it is paid when the Goods are landed: but here in England (for all our Foreign Plantations) it is paid in London before the Goods go away, because there is no Species of Monies in the faid Plantations. The Merchant doth likewife contract with the faid Matter, to pay Pilotage, if in case a Pilot is used for the bringing the faid Ship into the Port or Harbor, which it was configned unto. Also he doth covenant to pay the said Master Primage, and Petilodmanidge, for the use of his Cibles, to discharge the Goods, and to the Mariners to charge and discharge them; which said charges is not above 12 d. per Tun lading.

Petty Averidge is another little finall Duty which Merchants pay to the Matter when they only take Tunnage over and above the Freight, the which is a finall recompence or gratuity for the Matters care over the Lading; and in the Bills of Lading is exprest after the Freight, to-

gether with Primage and Averidge accustomed.

Ships being Freighted, and at Sea, are often subject to Storms and other Accidents, in which by the ancient Laws and Customs of the Sea, in extream necessity, the Goods, Wares, Guns, or whatfoever else shall be thought fit, may in such extremity be sliung over-board; but then the Matter ought to consult with his Mariners, who if they consent not, and yet the storm and danger continues, the Master may command notwithstanding, the easting over-board what he shall judge most sixting for the common Safety of the rest. So likewise Goods coming from insected Towns or Places, may be cast over board if there be a Super Cargo; request ought to be made to him to begin first; but if he resules, the Mariners may proceed. If after the Goods are thrown over board the Ship out weathers the Storm, and

arrives at her Port of discharge, the Master and most of his Crew must swear that the Goods were cast over for no other cause but purely for the safety of the Ship and Lading. The Master ought to be careful that only those things of the least value and greatest weight be flung over-board.

The Goods which are lost are to be valued not according to what might been got by them, but according to the Intrinsick Damage by the loss of the same; and the Goods saved are to be estimated, which being known, proportionable value is to be contributed by the Goods saved, towards Reparation of the Goods ejected, or cast over board.

Of Bottomery, or Fanus Nauticam

The distinction is great between Monies lent to be used in Commerce at Land, and that which is advanced to Sea. In the first, the Laws of the Realm have set Marks to govern the same, whereby the avaritious Mind of the lender is limited to a reasonable Profit, the reasonable areas to the Lender but the Borrower runs all the hazard whatever that Mony brings forth. But Mony lent to Sea, is advanced on the hazard of the Lender, to carry (as is supposed) over Sea, so that if the Ship perishes; or a Spolation of all happens, the Lender shares in the loss without any hopes of ever receiving his Monies; hence this way of advancing Monies is called *Usura Marina*, as well as *Bottomery*; the advantage accruing to the Lender of such Monies, arriving not from the Loan, but from the hazard which the Lender runs; the which is commonly reduced to a certain time, or one or more Voyages, according to their several and respective agreements.

This way of lending Mony, or Bottomery is much used now a days; it hath its name derived from the bottom of the Ship or Keel, and is practised in this manner, a Master of a Ship going to the Indies, Seraights, Denmark, or any other part of the World, wants one hundred Pounds to carry out in any Commodity he thinks he can make a Profit by; you lend him too it and agree with him to have for this hundred Pound, One Hundred and thirty or one hundred and fifty, (or what you can agree for) at the Ships return: But if the Ship happens to be sunk, burnt, taken, or any manner of damage happen that the Ship comes not house, then you cannot recover one penny of the Mony that you lent, of the Man that borrowed it, nor arreit his Body; for he is to pay you at the return of the Ship, and not at the return of his Person.

The general way now is to lend too! at 30 or 40 per Cent. and then you go and find out one that will affure the Ship. Outwards and litwards, for a finall matter, it may be 4, 5, 6, per Cent. (as you can agree) the longest Voyage; and if the Ship be lost, you recover both

Prin-

Principal and advance of the Insurer; (deducting only what the Insurance comes to) and thus you are upon certain Grounds; for he that lends his Mony at Bottommery, and Insures it, generally (whether the Ship be loft, or comes home) gains at least 22 or 23 per Cent. if his Mony were leat at no mure thin 30 per Cent. And Men now a days are so cunning that they will not only have part of the Ship mortgaged into them, (for the Mony) but will have some Merchant, or sufficient Person that shall be engaged for it, and so have the Borrower's Bond, as well at the Ship, and his Body bound as well as the Voyage; which thing is seldoin condescended to but where the Borrower's Necessity is great.

This way of taking up Monies. is likewise much used amongst Masters of Ships, that by any bad Weather, or other strait or emergency whatsoever, do put into any Port in any Kingdom, and there repair their Ship, and buy what's necessary for them; and wanting Mony to do the same with, they repair to some Merchant; and he having the Ships name, and the Masters, and of what place she is, and her Owners names, will advance this Mony at Bottommery; and if the Ship comes safe to her intended Port, the said Merchant hath his Mony; if not, and the Ship be lost, he hath nothing; nor can he recover any against the Master or Owners, but only against the Ship. Indeed this causes many Cheats; many Men have brought their Ships safe to the Rivers Mouth, and there have sunk them, on purpose to avoid the payment

of the Monies they owed at Bostommery.

There is likewife another way of advancing of Monies, called Usura Marina, joining the advance Monies and the danger of the Sea together; and this is obliging fometimes upon the Borrower's Ship, Goods and Person: the product of which by agreement will advance sometimes 20, 30, or 40 per Cent. As for Instance, a private Gentleman hath 300 / ready Mony lying by him, and he has notice of an Ingenious Merchant that hath good Credit beyond Sea, and understands his business fully, applies himself to him, and offers him this 200 1. to be laid out in fuch Commodities as the Merchant shall think convenient for that Port or Country the Borrower deligns for, and that he will bear the adventure of that Mony during all that Voyage (which he knows may be accomplished within a Year) hereupon the Contract is agreed upon, 6 per Cent. is accounted for the Interest, and 12 per Cent. for the adventure outwards, and 12 per Cent. more for the Goods homeward; fo that upon the return the Lender receives 30 per Cour. which amounts to 390 /. The Lender in this case has doubtless a good Burgain, and the Gain to the Borrower may be clear 10, 15, or 20 per Cent. or more according as the Voyage is: besides the Borrower hereby prevents his taking up the like Sum at Interest, which comes to 6 fer Cent. and Brockage, which through the Generofity of Mirchants, and Covetouthels of Scriveners, is now a days, advanced to one or two per Cent. more, and then the fame is let out for fix Months;

at the Expiration of which, the Scrivener inevitably fends his Note, that his Friend expects the Mony to be paid in; fo that to ftop that gap, there must be a Continuation, which is at least, I per Cens. more, besides the obliging of Friends in Securities. Likewise the Assurance is prevented, which perhaps may come to between five, ten, or fifteen per Cens. according as times are: it prevents also the Borrowers running the risque and danger of the Seas, Enemies, or any other fatal Loss, and hath been a means to introduce many a Man's Credit in short time at lesser charge, if not to put him in a Condition not to be

beholden to fuch a fair, though chargeable means.

There is also another way, both honest and honorable, called Usufruit, that is, a Stock in a Company or Society, which is perpetual: fuch a Stock or Portion may be purchased, that is, the advantage or benefit arifing by the Improvement of the fame. As for Instance, The East-India Company hath a Stock lodged in their hands by divers Perfons, which they in the most prudent manner as they fee fit, imploy to fuch places as they judge most proper; if a return is made, the advantage of that is distributed to each Person that is any way entituled in that Stock: which advantage is called a Dividend, and perhaps may afford some 20 or 30 per Cent. But on t'other hand, if that proportion of the Stock which goes out, happens to miscarry, the abatement is proportionable, and so the Stock may be lessened, unless that they will fray the Dividend, to keep up the Stock; the which they may do: For it is a Trust reposed of so many Mens Monies in their hands, to yield them fuch advantage as they shall upon just Account set out; fo that if any Man hath 1500 /. Stock, he cannot take the same out of the great Stock whereby to leffen the fame, but he may transfer that Ufufruit by the Customary way which they have, to any other Person, for valuable Confideration in infinitum. An hundred Pound in the East-India Company, in time of War, might have been purchased for 80 L. Nett, but now in time of Peace, is scarce got under 160, or 170 l. the Dividends running high.

Of Assurance.

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Affurance is, when you are in any manner of fear of the Ship your Goods are in, or the danger of the Voyage, or of Piraces, &c. you then are willing to give another Min a certain Sum of Mony to put himself in your place; and if any danger arises, to pay you for the same Goods the value that you have affured. It is a thing hath been long in custom and use amongst Traders, and was established by a Law under Claudius Cesar, before the Birth of our Saviour Christ; it hashi been much practifed in all Trading Nations, and is a cause of great increase of Trade, because that hazard is born by four or five with mutual consens, which otherwise must fall upon one Person. The National Consens.

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ture of it is thus; Suppose you ship 300 1. of Goods for Famaica, you being unwilling to run fo great a hazard your felf; you go to the Af-Jurance-Office, behind the Royal-Exchange in London, and there acquaint the Clerk you would enfure 200 %. 250. or if you will the whole 300% (for you may enfure the whole, or any part) upon fuch a Ship for fo much Goods you have on board. The Clerk prefently fpeaks to other Men that are Merchants, that make it their trade to enfure, and you agree with them at a price fo much in the Hundred, and this is called Primo: In confideration of this Primo, the Man that is your Infurer, runs all the hazard that can be imagined, until your Goods arrive fafe at Jamaica. Before you pay the Primo, you have a Policy of Insurance fign'd by the Man or Men you agree withal; for you may deal with two, three or four, to underwrite for you feveral Sums : This Policy of Infurance ought to be copied in the Office of Affurance, in a Book kept there for that purpole, and for which you pay a certain Sum unto the Clerk or Clerks, fitting at that time. In the Policy is exprest the name of the Person that causeth himself to be ensured, the place he enfures for, the Ship, the Masters name, the Sum of Mony, the dangers you are Enfured from, and how long that lafteth, with the name of the Party or Parties, that ensure or underwrite the Policy for you. As suppose you would ensure 200 l. of the abovementioned 3001. for Jamaica on the Trifton Frigat. Ayry Saunders Matter, the Ship being yet in the River of Thames, or under Sail, fuch Affurance is drawn up as followeth.

The Copy of a Policy of Assurance.

In the Plant of Coo, Amen. I, E. H. of London, Merchant, as well in his own name, as for and in the name and names of all and every other Person and Persons to whom the same doth, may, or shall appertain in part, or in all, doth make Affurance, and caufeth himfelf, and them, and every of them to be insured lost or not lost, from the Port of London to the Port of Port-Royal in Famaica, upon any kind of Goods and Merchandize whatfoever, laden or to be laden aboard the good Ship, called the Trifton Frigat of London, burthen of five hundred Tuns, or thereabouts, whereof is Master under God for this present Voyage A. S. or whosoever else shall go for Master in the faid Ship, or by whatfoever other name or names, the fame Ship, or the Matter is, or shall be named or called, beginning the Adventure upon the faid Goods and Merchandize, from, and immediately following the loading thereof aboard the faid Ship at the Port of London, and fo shall continue, and endure, until the faid Ship with the faid Goods or Merchandize whatfoever shall be arrived at Port-Royal aforefaid, and the fame there fafely Landed: And it shall be Lawful for the faid Ship in this Voyage to stop and stay at any Ports or Places between London and

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and Port-Royal, without prejudice to this Insurance; the find Goods or Merchandizes by agreement is, and shall be valited at Three hundred Pounds sterling, without farther account to be given for the fame. Touching the Adventures and Perils which we the Adurers are contented to bear, and do take upon us in this Voyage, are of the Seas, Men of War, Fire, Enemies, Pirates, Rovers, Thieves, Jettezones, Letters of Mart and Counter Mart, Surprifals, Takings at Sea, Restraints and Detainments of all Kings, Princes, and People, of what Nation, Condition or Quality soever, Arrests, Barratry of the Master, and Mariners, and of all other Perils, Losses, and Misfortunes that have, or shall come to the hurt, damage or detriment of the faid Goods and Merchandize or any part thereof. And in cale of any loss or misfortune, it shall be lawful to the affured, his, or their Factors and Servants, and Ailigns, to fue, labour and travel for, in, and about the defence, recovery, and fafeguard of the faid Goods and Merchandizes, or any part thereof, without prejudice to this Infurance; to the Charges whereof we the Affurers will contribute each one, according to the rate and quantity of his Sum herein affured. And it is agreed by us the Infurers, that this Writing and A furance shall be of as much force and Effect, as the furest Policy, or Writing of Assurance heretofore made in Lumbard-fireet, or now within the Royal-Erchange, London. And so we the Affurers are contented, and do hereby promise, and bind our felves each one for his own part, our Heirs, Executors, and Goods, to the Affured, his Executors, Administrators or Affigns, for the true performance of the Premises, acknowledging our selves paid the Consideration due unto us for this Assurance by E. H. at the rate of Three Pounds per Hundred pound sterling. In Witness whereof, we the Affurers, have subscribed our Names, and Sums; Affured in

I, R. O. am content with this Affurance, for the Sum of one liun-

dred Pounds, London, this 30th of August, 1623.

I, M. P. am content with this Affurance, for the Sum of one hun-

dred Pounds, London, this 30th of August, 1693.

This is the Copy of an Insurance for Goods Outwards; but suppose you receive advice this last Post, that you have 200 Hogsheads of Jamaica Sugar shipt for your Accompt on board the Frienchip, Captain Francis Bartholometr Commander from Jamaica: If you have a mind to insure it, you mult go to the Office, and agree with the Insurers what you shall give them for Insurance, and then get your Policy made, and signed by them, and pay them the Primo, and cause your Policy to be entred, and the work is the same as for Goods Outwards, only you alter the Ships and Masters name, and mention that it comes home, instead of going out.

And here it is to be Noted, that if a Mafter of a Ship takes in your Goods, and cannot come up with his Ship to the Wharf or

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Key, to unload, and an accident, as wet, Se. happen to your Goods, the Affurers are to make good the fame until the Goods be Landed. And all Affurances are made according to the Tenour of the Policy, fome for Goods that go out, and come home; fome for Goods that go out, and are fold, and the Provision, or the Net procede comes home. Other Affurances are made upon the Ship it felf, with its Tackle and all that belongs unto it; and the Affurers are bound to make good all that is worn or torn for a Voyage at a price that is agreed upon.

Other Affurances are made upon Goods that are fent by Waggon, or Cart, &c. by Land, from all Robbers, or Thieves, &c. Other Affurances are made upon the Lives of Men and Women, at a rate that is moderate. For by this means if you buy any Place or Office that is worth 1000 l. or more, or less, and you have not Mony enough to purchase it, you borrow 4 or 500 l. Now if you die, and are not in a Condition to pay this Mony, it is lost: But if you Ensure your Life, then your Friend that you did borrow it of, will have his Mony

honestly paid him.

Some Assurances are likewise made on the Heads of Men; as if a Man going for the Spreights, and perhaps is in some fear that he may be taken by Moors, or Turkish Pirates, and so made a Slave, for the Redemption of whom a Ransom must be paid, he may (ere he goes on Ship-board) go to the Insurance-Office, and advance a Premio accordingly upon a Policy of Assurance; And if he be taken into Slavery in the Voyage, the Assurer or Assurers must answer the Ransom that is secured to be paid on the Policy.

Those Assurances are most dangerous when they are thitherwards inferted lost or not lost; which is commonly done when a Ship hath been long missing, and no tidings can be had, the Premio (especially in time of War) will run very high, sometimes 30 or 40 per Cent. and though it happens at the time that the Subscription is made the Ship is cast away, yet the Assurers must answer the loss to the Insured.

But if the Party that caused the Assurance to be made, saw the Ship wreckt, or had certain Intelligence, such Subscription will not oblige

the same, being accounted meer Fraud.

So likewise, if the Affured having a rotten Vessel, shall Affure upon the same more than she is worth, and afterwards give order that going out of the Port, she should be sunk or wreckt; this will be fraudulent,

and not oblige the Affurers to answer.

So foon as you hear of a certain that a Lofs is happened, you must inquire at the Office for the Insurers (if you know them not) and acquaint them of the Lofs, and how you come to know it, and defire them to inform themselves of the Truth of it if they please, and are not satisfied with your report. When they are satisfied there is a real Lofs, there is generally an abatement of 10 per Cent. for prompt Payment;

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for if they are punctual Men, and value their Reputations, they will presently pay you; if not they will shuffle you off, and endeavour to find out slaws, and raise Scruples for a larger abatement than orainary; and sometimes will keep you a Year or two out of your Mony, and many times never pay; but generally get, in case of Loss 15 or 20 per Cent. abated, I have known 40 per Cent. abated, upon very small Pretensions; which makes a common Proverb about such Insurers, What is it morth to Insure the Assurers? Be careful therefore to deal with Honest Men; that value their Reputation when you have any thing to be Insured.

Of Factors and Commissions.

A Factor is a Servant, created by a Merchants Letters to buy and fell Goods for another Man's Accompt, and receives a certain Sallary (called Factorage or Commission) for his pains, but is not to run any manner of Rifque, or hazard, if the Goods be lott, or burnt, or any accident happen, he is not to bear it; and for the bad debts (if there happen any) the Factor is not to bear it, unless he goes contrary to his order that doth employ him; then in fuch cases the Factor is to bear the Lofs, and not the Proprietor. As suppose you have advice of a parcel of Spices coming on board fuch a Veffel fer you to dispose of, for the Account of a Merchant at Amsterdam, and the Goods do not come to your hands, but perish at Sea, that is nothing to you: but if they come to your hands, and you have a true Order from him for the Entring of the same, and paying the Custom. should of your own head, or by any accident or miltake, enter the Goods falfe, and the same should be seized, the Loss would lie at your door: or if he orders you not to fell these Goods but for ready Mony, and you fell them for one Month or for any Time, and the debt become bad, it will be at your door. And fo in the buying any manner of Goods, if the Goods be not according to order, the Man may refuse them when he hath received them, and the damage shall fall upon you.

And as Fidelity. Diligence and Honesty are espected from the Factor, so the Law requires the like from the Principal; judging the Act of one to be the Act of the other; therefore it a Merchant shall remit counterfeit Jewels to his Factor, who sells and disposes them for valuable Considerations, as if they were right; if the Factor receives any Loss or Prejudice thereby, by Imprisonment or other Fundaments and Factor, the Principal shall not only make good the damage to the Factor, but also render Satisfaction to the Party damnified; and so it was adjudged where one How was possed of three counterfeit Jewels, and having Factors in Barbary, and knowing one Southern, a Merchant, was resident on the Place, consigns those Jewels to his Factor, who receiving them, intreated Southern to sell those Jewels for him, telling him that

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they were good Jewels; whereupon Southern, not knowing they were counterfeit, fold them to the King of Barbary, for 800 l. (they being worth really but 100 l.) and delivered the Mony to the Factor, who remitted the same to How: The King of Barbary not long after finding himself cozened, committed Southern to Prison till he had repaid the 800 l. whereupon Southern coming for England, brought his Action againg How, and had Judgment to recover his damage.

The Satisfaction that Factors have for their pains in buying and felling, is called Commission or Factorage, which is done at several prices in several places, according to the Custom of the Country; in some Countries they take S and so per Cent. as at Barbadoes, Jamasca, Virginia, and most of those Western parts: in others two and half and three per Cent. as generally throughout all Italy, two per Cent. as in France, Spain, Portugal, Sc. 1 per Cent. as in Holland, and other places: but the generality only take throughout Europe 2 per Cent.

Of Discompt.

Discompt is when you sell a parcel of Goods, at three Months time, and a day or two after, the Buyer comes and tells you he is willing to pay you the Mony presently, if you will allow him the Discompt, which is generally after the rate of 6, 8, or 10. per Cent. per Annum, as you can agree with him; and to be sure the Buyer will look to your necessity of Mony in compounding for the rate of Discompt, and take the advantage thereof for a greater abatement than ordinary: fo that I have known some who having sold a parcel of Goods amounting to 400% at three Months time, and the Buyer perceiving the Sellers necessities of Mony to be great, have brought him to Discompt six Months at the rate of 10 per Cent. per Annum, so that for the 400% which would have been paid at the end of three Months, there was paid but 380% down. But for my part I either think such sellers case near desperate (that compound at so large a rate of Discompt) or else that he hath over-reacht his Chapman in the Goods sold him.

But though this be often found amongit some Inferior Merchants, or Whole-fale Men, (to abate so largely for Discompt) yet it is not the general course of Discompt practised amongit Merchants that value their Reputations; who projecting to transact all Affairs that some profit may refult, did with very good Reason, condescend to a competent abatement for prompt payment of Monies: (that some profit might redound to the Party paying) which abatement is properly called Discompt, and is thus understood and calculated between Merchant and Merchant. Suppose As is to receive of B. 2001. In Months hence, B. offers to pay A presently, if he will Discompt at six per Cent. Let Annual, A. condescends, and they agree: Now to know what A pull allow B. for Discompt, do thus? First reduce your 2001.

into Pence; the product will be 48000 Pence, then Multiply those Pence by 6, the number of Months to be discompted for, the product will be 288000, which divide by 200, and the quantity of time that is to be allowed, both which make 206 for your Divide, the Quotient will be 1398 103 pence, which reduct into Shillings is 116 s. 6 d. 103 parts of a Penny, this reduct into Pounds, makes 5-16-6 6 103 and fo much must be abated out of the 200 l. for the fix Months Discompt, and no more, according to the true Method received amongst Merchants. And the reason of it is this; because if you allow 6 l. then you allow the full Interest of 200 l. for fix Months; but you do not receive 200 l. and wherefore then should you allow the Interest for 200 l. 3 you must only allow the Interest of what you do receive, which is 196 l.

The aforefaid Rule is not only true for any even Sum, to be discompted, but for any odd broken Sum, always remembring to add the number of Months to be discompted for, to 200, and let that be

your Divisor.

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Of Merchants and the feveral Companies thereof, as they are now Incorporated, with the feveral Commodities, which they Export or Import.

IT is Foreign Trade that is the main Sheet-Anchor of us Islanders, without which the Genius of all our useful Studies which renders Men famous and renowned, would make them useless and infigniticant to the Publick: When Man has fathomed the bottom of all knowledge, what is it, if not reduc'd to practice, other than empty Notion? If the Inhabitants of this Island were learned in all the Languages between the rifing and fetting of the Sun, did know and underfrand the Situation of all Places, Ports, and Countries, and the Nature of all Merchandize and Commodities, were acquainted with the order and motion of all the Stars, knew how to take the Latitude and Longitude, and were perfectly read in the Art of Navigation, to what purpose would all be, if there where no Foreign Trade? we should have no Ships to navigate to those Countries, nor occasion to make use of those Languages, nor to make use of those Commodities; what would this Island be without Foreign Trade, but a place of confinement to the Inhabitants? It's Foreign Trade that renders us rich, honorable and great, that gives us a Name and Effeem in the World, that makes us Maiters of the Treasures of other Nations and Countries, and begets and maintains our Ships and Seamen, the Walls and Buiwarks of our Country; and were it not for Foreign Trade, what would become of the Revenue (as one hath ingeniously observed)

from 6 to 800000 pounds per Annum for Custom.

To give you therefore a brief Survey of the Traffick of this Land (or rather of the City of London) take a view thereof as it is mannaged by these several Companies of Merchants now incorporate in the City of London; which (together with the Goods by thein Exported

or Imported; are as followeth.

The ancientest of these Companies is that of the Merchants Adveneurers of England, who were in the Reign of King Edw. I. Anno 1296. They obtained Privileges of John the Second Duke of Brabant, to establish themselves and their Trade, under Government in the City of Answerp for those Countries. And King Edward III. finding them so settled, and observing the great Trade in Flanders, by the Endraping of the English Wools there, did (when he joined in league with the Flemins against the King of France) encourage the English Merchants in those parts, to deal with Clothiers of that Nation, to come over into England, and here to erect there Looms and Manufactures, which accordingly was performed, and took fuch effect, that the faid King by the Advice of his Parliament, first prohibited the Exportation of Wool, next by Privileges, and Act of Parliament, invited Cloth-makers and Workers, over into England, and at last so prevailed, that he prohibited all Foreign Cloth to be Imported into this Realm.

Afterwards King Henry IV, Anno 1406 taking notice of the Services of this Company in the rife and increase of the Manufactures of Clothing, and the Benefit of the Government of the faid Company, did establish the same by Grant under the great Seal, which said Grant hath been confirmed, and enlarged by all his Successors, except Edward V. And Queen Elizabeth in the fixth Year of her Reign, beling fallen in Breach with Philip II. King of Spain, Lord of the Netherlands, did for the iffuing and vent of the Clothing of this Land, which daily encreased, add under her Great Seal all the parts of Germann, unto those of the Nesberlands, and authorized the faid Fellowship, to treat with the Princes, Potentates, States and Cities of Germany, for a Staple or Refidence, and Privileges as enjoyed in the Netberlands, which to happily fucceeded as that the Clothing found ample vent; First in Embden, then in Hamburgh; afterwards in Stade, and then again in Hamburgh, where it continues; and now the faid Fellowship hive two Marts, the one in Dordreck for the Netberlands; and the other in Hamburgh for all Germany, which last is the head and chief Court of all the faid Fellowship, residing both in England, and dewond the Seas, and through their Integrity, fair Dealings, and excellent Laws and Cuitoms observed and preserved amongst them, they are of no little Splendor in the Eyes of Men; which faid Com-

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pany is now much enlarged, all new Draperies being therein com?

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The Commodities which this Company exporteth are Cloths dreft and dyed, of Devonshire, Glocester, Somerset, Rent, &c. in great Quantities, also Lead, Tin, Oils, Silk, Worsted, Woollen-Stockings, Hats, Silks, Fruits, Spanish-Wines, &c. for which to the great enriching of the Nation, they Import Linnen Cloth, as Cambricks, Hollands, Lawns, Diapers, &c. in great quantities, also Tapestries, Rhemish-Wines, Mather, Hops, Latten, Blades, Soap, Wire, Plates, Copper, Brass, Steel, Iron, Quickfilver, Arms, Gunpowder, Flax, Hemp, Allum, Wax, Mineral-Salt, &c.

The Next is the Fellowship of the English Merchants, for discovery of new Trades, commonly called the Muscovy Company. Who were first incorporated in the beginning of the Reign of King Philip, and Queen Mary, upon the discovery of Isles, Lands, Territories and Signiories, by Seas lying Northwards, North-Eastwards, and North-Westward from England: and was afterwards confirmed by an Act of Parliament, in the 8th of Queen Eliz, and have by their Charter several Immunities and Privileges granted them; as to raise Arms for the subduing of Countries, in the Limits aforesaid, and to enter there-

on, and fet up English Standards.

The Commodities they Export, are Woollen Cloths of all fort both dyed and dreft, Kerfies, Cottons, Bays, Perpetuances, Fustians and Norwich Stuffs, proportionably dyed and dreft; Lead, Tinn, Pewter, wrought Allum, and Copper, Thred, and Lace, also much defective Wines, and Fruit, not fit to be spent in this Nation, together with most forts of English Commodities, for which they Import Potashes, Tarr, Cordage, Cable-yarn, Tallow, Wax, Red-hides. Buff-hides, Cow hides in the Hair: Goat-skins undrest, Cordevants, Tannéd-hides, Hogs bristles, Raw-filks, Corn, Linseed, Isinglass, Slood, Bearwewool, and Wombs, several forts of rich Furrs, Seal-skins, Rubarb, Castorum, Agaric, with several other Drugs, Train-oil, Flax, Hemps, course and tine, Linnen, Caviare, and Salmon, Stock-fish, Cod-fish, Bacon, Pork, Beef, with other Provisions.

The next is the Levant or Turkey Company of Merchants, which by their discovery, made the first Trade into the Signory of Venice, and then into the Dominions of the Grand Signiour, and including the Trade of the East-Indies, which as then was undiscovered to us by Sea, (but the Portugals knew it) their Goods being brought upon Camels, Assence or the like, to Aleppo, and other parts of Turker: but since, through our knowledge in Maritine Affairs, the East-Indies are sound out by Sea, there being a great, rich, and eminent Company Incorporated, called the East-India Company, which doth somewhat eclips the Trade of this Noble Company, so that instead of having

the Indian Commodities in Turker, we furnish them with the fame. better cheap than they can have them, being brought by Land; nevertheless this worthy Fellowship of Merchants, doth maintain a great Trade, exporting at least 30000 Broad Cloths yearly; they were first Incorporated in the Reign of Queen Eliz, and fince confirmed by her Their Factories are kept at Smyrna, Aleppo, Constantinople, Scc.

The Commodities that are Exported from hence by them, are Cloths. both dyed and dreft. Kerfies, Lead, Tinn, Iron, Steel, Wire, Pewter, Furrs, Pieces of Eight, Sugars, Hides, Elephants Teeth, Brazile, alfo feveral Indian Commodities, as Spices, Callicoes, Log-wood, Indico.

Couchanile, red and white Lead, Sc.

For which they import the Raw Silks of Perfia, Damafeus, and Tripoli, also Chamlets, Grograins, Grograin yain, Mohairs of Angor, Wools, Cottons, Cotton yarn of Smyrna, and Cyprue, Galls of Mololo, and Toccat; The Currants and Oils of Zant, Zefalomia, Morea, &c. the Drugs of Egypt, and Arabia, also Turkish Carpets, Cordevants, Box-wood, Rubarb, Worm-feed, Sena, Comin feed, together with feve-

ral rich Commodities which we receive in return of ours.

The next is the East-India Company, which was first Incorporated in the Reign of Queen Eliz. and hath fince been confirmed; as also feveral other Privileges and Immunities added to their Charter, by all the fucceeding Kings, fo that now they have as ample Privileges as any Corporation or Company of Merchants whatfoever. This Company are found very beneficial to this Nation by the great Trade they drive, in the Exporting and Importing To many and great quantities of rich Commodities, having the Trade of India, Persia, and Arabia.

The Commodities which are Exported from hence by them are Pieces of Eight, Dollars, Broad Cloths, Perpetuances, Powder, Elephantsreeth, Lead, Amber, Looking glaffes, Sizars, Knives, Beads, Bracelets, Feathers, Coral, Quick filver, Vermillion, Allum, Brimftone, &c. for which they Import all forts of Spices, alfo Cotton, Yarn, Callicoes, Pinandoes, of divers forts, among which, fome are excellent Tamerinds, Sanders, Spicknard, Bezoar Hone, Alloes, Mirrhe, Rubarb, Opium, Frankincenfe, Cailia, Borax, Calamits Mirabolans, Green-ginger, Sugars, Sugar Candy, Camphir, Sandalwood, Benjamin, Musk, Sivet, Ambergreece, Rice Indico, Silks, both raw and wrought, into feveral Fabricks, Salt peter, feveral forts of precious Stones, Pearls, Mother of Pearl, Gold, Silver, Cirystal, Cornelian Rings, Agats, Lacque, Furrs, and Skins of wild Beails, Porcelaine, Copper, China-roots, Tea, Sanguis Dracon's, China-wares of divers forts, together with feveral other Commoulties and Drugs, too tedious to fet down.

The next is the End Land Company, which was first Incorporated in the 21 of Queen Elin. Anno 1579, and fince confirmed by King Can les II. and enjoying by their Charter ample Privileges and Immunities, and as large a scope to Traffick in, including the Trade of the Kingdoms, Dominions, Dukedoms, Countries, Cities and Towns of Norway, Swedeland, Poland, and the Territories of the same Kingdoms, as also in Lettow, and Liffland, under the Dominion of the King of Pole, Prusen, also Pomerland, from the River Odera Eastward, and likewise in the Isles of Finland, Eoland, and Berutboline, within the Sound.

The Commodities which they Export from hence are Woollen Cloths, Perpetuances, Kerfies, Serges, Normich Stuffs, Lead, Tinn, Cottons, Pewter, Stockings, Hats, Gloves, together with fome Spices of India, and feveral Southern Commodities, as Sattins, Silks, &c.

For which they Import Deals, Maft's, Timber, Oars, Clapboard, Balks, Bomípares, Cantípars, Pipeltaves, Wainfoot, and Quarters; also Flax, Hemp, Linnen Cloth, Fultians, Cordage, Cable-yarn, Pitch, Tarr, Tallow, Hides, Potashes, Wheat, Rye, Iron, Lattin, Copper, Steel, Wire, Quickfilver, Rich Furrs, Buck skins, Train Oil, Sturgeon, Stock-fish,

Mather, with feveral other good Commodities.

The next is the Royal Company, which by their Charter granted to them by our Sovereign Lord King Charles II. bearing date the 20th of January, in the 14th Year of his Majetty's Reign, they are entituled, The Company of Royal Adventurers of England, Trading into Affrica, or the Guinia Company: the Limits of their Trade is, from Sally in South-Barbary, inclusive, to Cape de bona Esperanza, within which faid Limits all English Ships are prohibited trade, except such as are

authorized by the faid Company.

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The Commodities, that this noble Company exporteth from England to the parts of Afficia aforefaid, are Iron, Copper. Slefias, Sheets, Sayes, Perpetuances, Cowries, Welch plains, Manillos, Boyfades, Chints, Rombergers, Coral, Callicoes, Niccanies, Clouts, Amber, Powder, Mufkets, Batteries of all forts, Turkey Carpets, Brandy, Strong-waters, Spirits, Ginghams, Taffeties, Beads of all forts, Buckshaws, Knives and Sheaths, Swords, Tallow, &c. for which they Import from thence to England, Gold, Elephants teeth, Hides, Malegutta, or Guiny-pepper, Red-wood, Ambergreece, with several other good Commodities, befides great quantities of Negroes, for the supply of his Majelty's American Plantations, to the great advantage of the Inhabitants, as well as to the faid Company, and befides the supply of 3000 Negroes yearly to the Spamards, for the supply of their Wift-India Trade. And for the better negotiation of their Affairs, they have already fettled feveral Factories, as at Gambo, Rio, Nuno, Rio Grande, Sierra, Liona, Serbro, Ceffos, Achin, Anta, Comenda, Cape, Corfo, Acara, Cormentine, Arara, Benin, Old and New Callabar.

Befides these Societies or Fellowships of Merchants Incorporated, there are others, though not Incorporated, yet maintain a very considerable Trade, and much to the benefit of this Kingdom, as these called the

Canary,

Canary, Spanish, French, Italian, and Dutch Merchants. The Trade to which places, though not prohibited (but every one that will may freely Trade to any one or all of them, which none durst do to any the forementioned Places, to which the Companies incorporate Trade, unless they'll run the hazard of Loss of the Ship and Goods if found by any of the Companies Ships) yet is chiefly managed and negotiated by peculiar Merchants, which use the said Trade; of which a word or stwo.

The Canary Merchants, trading to all the Seven Islands anciently called the Fortunate Isles, and now known by the name of the Canary Islands, viz. Grand Canaria, Thenerif, Palma, Gomera, Iterro, Lanzerote, and Fuerta-Ventura. The Commodities Exported thither are chiefly all forts of English Woollen Manufactures, as Bayes, Kerfies, Serges, Perpetuances, Sayes, Norwich Stuffs, and Fultians, also Hats, Stockings, all manner of Haberdathers-Wares, Iron and Tinn, wrought; Likewise store of Poor Jack, Pilchards, Herrings, Beef, Pork, Wheat, and other Grains, also many forts of Linnen Cloth, both of Germany, France, Flanders and Holland; likewise spectaves and Hoops, with several other Commodities, for which they Import great quantities of Canary Wines, also divers forts of West-India Commodities; as Varina's Tobacco, Hides, Logwood, Couchanile, Campechiana, Sylvester, Indico, and what else the said Indies affords.

The Spanish Merchant, or Merchants trading into Spain, Portugal, &c. are found very beneficial to this Nation, Importing several good Commodities, as the Wines of Zeres, Malaga, Bastard, Candado, and Alicant, also Oils. Olives, Sugars, Ginger, Fruits, White-Marble, Plate, Allum, Aniseeds, Liquors. Sodabarilla, Soaps, Rosin, &c. for which they Export Bayes, Sayes, Serges, Perpetuances, Cloths drest and dyed, and all English Manusactures, Lead, Shot, Iron, Tinn, Calve skins, Herrings, Pilchards, Salmon, Poor John, or Bacalaow, Silk-stockings &c.

The French Merchant, or Merchants trading into France, are found to Import feveral good Commodities, as Wines, Oils, Almonds, Paper, which is used by us for Printing, Oade, course and fine Linnen, Tabby, and other Silks. Canvas, Dowlas, Buckrams, Salt, Cards, Glass, Sc. for which they Export English Cloths, Bays, Kersies, Cottons, or Frizes, Pilchers, Herrings, Newland Fish, Lead, Tinn, Galls, Cotton-Wooll, Sc.

The Italian Merchant, or Merchants trading into the parts of Italy, as Leghorne, Venice, Naples, Genoua, Sicily, &c are very beneficial to this Nation, Importing divers rich Commodities, as Oils, Rich Wines, Silk raw and wrought into feveral Fabricks, as Taffeties, Sattins, Sarfinets, Velyets, Plulhes, Damask, &c. also Cloth of Gold and Silver, Grograins, Futtians, Allum, Aniseed, Rice, Almonds, Saffron, Brimitone, Venice Gold and Silver, Venice-Treacle, Quickfilver, Argal, Looking and Dringing-Glatles, Anchoves, Marble, &c. and the Commodities which are exported by them are English Cloths, Bayes, Serges, Perpetu-

Perpetuances, Kersies, Lead, Tinn, Pewter, red and white Herrings, Pilchers, pickled Salmon, Newland Fish, Calve-skins, Russia Hides, Tallow, Tobacco, &c. together with the Drugs and Spices of India,

Perfia and Arabia.

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The Dutch Merchant, or Merchants trading into the Low-Countries, Holland, Flanders, &c. are likewife found to Import feveral good Commodities, as Butter, Cheefe, Tapeftries, excellent Pictures, Tape, Salt peter, Quick-filver, Rhenish-wines, Furs, Corn, with feveral other Merchandizes, which are the product of other Countries, which by reason of the great Trade which the Dutch drive to all the known parts of the World, are there found, and had at cheap Rates; and the Commodities they Export are Woollen Cloths, Lead, Tinn, Sheep, and Cony-skins, with all other English Commodities, or Manufactures.

Likewise, besides these Merchants, there are others that drive a considerable Trade, and much to the good and benefit of the Nation, and such are those who drive a Trade to the English Plantations, as Barbardoes, New-England, Virginia, Jamaica, Neves, &c. in their Exporting not only of all English Commodities and Manusactures, but also those of other Nations, which for the most part they are here provided with, and that in great quantities, by reason of the Kings prohibiting

(as his Subjects) these Commerce with other Nations.

The Commodities Exported to these Plantations, are, all sorts of Stuffs, all Fabricks of Silk, Cloth, Hats, Stockings, Shoes, Linnen both fine and course, and indeed all sorts of Apparel, likewise all sorts of Household-stuff, and Utensils of Iron. &c. as well for their Plantations, as otherwise, also Provision, as Flower, Bisket, salted Beef, &c. also Coppers, Leather, all sorts of Arms and Ammunitions, Horses, &c. and in a word, all Commodities that are necessary and useful either for the Back or Belly, are here vendible: and it is observed that the better the Continuodities are of any fort (especially at Barbadoes) the better they are vended.

And for these, and the like Commodities, they Import from the said Plantations, Sugars from Neves and Barbadoes; Sugars, Indico, Cotton Wooll and Ginger from Jamaica; Bever and Deer-skins, &c. from New-England; and Tobacco from Virginia; and of these Commodities they Import such plenty, (being more than this Kingdom can spend) that they are again Transported to other Nations, to our great

Enrichment.

Of the Custom-House.

THE House where this Great Office was kept, a little below Billing gate, was deftroyed by the great Fire, but is re-built in a much more Magnificent, Uniform, and Commodious Manner: the Rebuilding of which cost King Charles II. 10000/.

Here is received and managed all the Impositions laid on Merchandize Imported or Exported from this City; which are so considerable, that of all the Customs, (which amount to about 600000 l. a Year.) divided into three parts, the Port of London pays two thirds, that is about 400000 l. per Annum. A great number of Officers are here Employed; divers of which have of considerable quality and ability.

There are at prefent Seven Commissioners who are the charge and over-fight of all Their Majesties Customs in Ports of England, Viz.

The Honorable George Booth, Equire-Sir Richard Temple, Baronet. Sir John Worden, Baronet. Sir Robert Southwell, Baronet. Sir Robert Clayton, Knight. Sir Patience Ward, Knight. Charles Godolphin, Esquire.

The Sallaries to each of these is now 1000 l. per Annum. They have many Deputies or Waiters in the Port of London, and also in the Out-Ports.

The Sallary to each Commissioner formerly, when there were but

Five, was 1200 l. a Year.

There are likewife Cuftomers, Collectors, Comptrollers, Surveyors, Searchers, Waiters, &c.

Sir John Shaw, Collector Inwards, (and for the Act of Navigation, Fee 965 l. 13 s. 4 d.)

Sir Nicholas Crifpe, Collector Outwards, Sallary 276 1.

Giles Litcor, Efg; Comptroller-General of the Accompts, 300 %.

George Nicholas, Esq; Surveyor General, 500 /.

There are 7 Land-Surveyors, 8 Tide-Surveyors, 1 Head Searcher, and 7 Under-Searchers, at 12 l. per Annum.

19 King's Waiters, at 52 l. per Annum.

40 Land-Waiters, at 80 l. per Annum.

80 Tide Waiters, in Fee 5 l. per Annum, and 3 s. per Day.

About 50 Ditto extraordinary, no Sallary, 3 s. per Day when

Employed.

There are many other Officers, as a Customer of Cloth, a Petty-Customer, Fee 277 l. 2 Customers of the Great Customs, Sallary 50 l. Comptroller of the Cloth and Petty Customs, Fee 30 l. Register of the Seizures, Sallary 106 l. Surveyor of the Out-Ports, 250 l. A Secretary, Ware house keeper, Surveyor of the Ware house, &c. Bestides, there are several Persons Commission'd to Seize Uncustomed-Goods, either Inward or Outward bound. There are also Noon-Tenders, Watchmen, and abundance of other Inserior Officers, which for Brevity's sake we are forc'd to omit.

Note that the due Perquisites belonging to several of these Officers are very considerable, and to some are much more than their Respective Sallaries

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An exact and true Table of the Fees of the Head Searcher, and of Their Majesti Under-Searchers, in the Port of London blisbed by the Commons in Parliament 14 Car. 2. Collected for the Benefit of all as well Merchants, as others, Trading in of London.	es I ; E , A Per	Five Sta- nno fons Port
	3.	d.
C Pain, Portugal, the Streights, West-Indies, Guiney,]		
or the Western-Islands.	05	.00
or the Western-Islands.	10	00
All other English Ships into Foreign Parts ————————————————————————————————————	04	00
For every Strangers Ship or Bottom-	06	.08
For every Certificate for Shipping out Goods formerly Imported But if half the Subfidy to be received back amounts but a	02	0
But if half the Subfidy to be received back, amounts but to Forty Shillings, then	10	00
To be paid by English and Aliens for Goods that pay and pass out by Coquet or Warrant.	Sub	fidy,
	00	04
Pipe, Puncheon, or Butt Hogshead or Bag	CO.	02
Tin, the Block or Barrel	00	10
Tin, the Block or Barrel Beer-eager, Wood of all forts, Copperas, Allum, and fuch gross Goods, the Tun	00	04
Corn the Last, Sea-Coal the Chaldron, Beer the Tun, Lead the Fodder	co	c2
The Maund, Fat, or Pack	co	06
The Bundle, Bale, Cheft or Cafe-	00	03
Railins and Figs, the twenty Frails or Barrels -	00	03
Ddd	B	utter

Butter and fuch Goods the Barrel	3.	d.
For every Cost Certificate the Cocquet	00	0
Transires for the Coast, Free	01	0
Francis for the Coatt, rice	00	0
For every Horfe, Mare or Gelding	01	0
For certifying every Debenture for receiving back half Subfidy, &c.	00	0
For every piece of Ordnance	10	00
For the Endorsement of every Cocquet	OI	. 00
For every Certificate out of their Rooks of Goods?		
loft at Sea, taken by Pirates, or return d whereby	10	00
For every Bill of Sufferance, or Bill of Store above ? Ten Shillings in the Book of Rates If under The Fardle or Trus by English of 300 weight or upwards	01	00
If under — — — —	00	06
The Fardle or Trus by English of 200 weight or upwards	00	06
Woollen-Cloth, the Bale not exceeding five Cloths or ?		
Woollen-Cloth, the Bale not exceeding five Cloths or three hundred weight, Stuffs, Bayes or Sayes	00	03
Merchant-Strangers, Unfreemen of London, or such on Strangers Ships or Vessels.	b as	Ship
The Fardle or Truss	10	co
The Bale	00	06
THE DAK		00

Signed by virtue of an Order from the House of Commons, Dated May 17. 1662.

E. Turner.

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of

Bills of Exchange, what they are, together with their Power and Efficacy, the manner of drawing them, and managing them to the best Advantage, in the way of Trade.

Seeing there are but few Traders that deal any thing confiderable, altogether freed from receiving or paying, at one time or other, Bills of Exchange; and for that the manner and method to be observed therein, is not altogether common, I have thought it convenient to give the best Directions, for the security of the Perfor that draws the Bill, he that pays it, and he that receives it; and of these in their Order.

As for a Bill of Exchange, by long Custom and the conveniencies that accrue thereby, it is at this day held to be so excellent a specialty,

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cialty, that it carries along with it, as it were, a commanding Power, being taken notice of, and for the most part, satisfied with such exactness, that nothing can be more, tho drawn by a Factor, or Servant upon the greatest of Traders; for upon the payment thereof depends in a manner, the Credit of him that draws it, and him upon whom it is drawn: By reason of Non-payment, a Protest is made, which in a short time, being at least whispered abroad, makes others cautious how for the future they deal with those Men, and puts the former likewise to Charges, by having the Protest return'd with his Bill, &c. And of these Bills there are two forts, tho tending to one and the fame purpose, (viz.) Out-land and In land Bills. As for the first fort, they are drawn upon Merchants, Bankers, &c. living in Transmarine parts. The second upon Merchants, Bankers, or Dealers in the same Country, tho distant from each other, and are drawn upon Sale of Lands, Bargains, Traffick and many other occafions, requiring the returns of Mony, but are in weight alike in due observance.

As to an Exchange, four, three, or two Perfons may be reasonably concerned, (viz.) Two at the place where the Mony is taken up, and two where it is payable; as thus, First, the Person that Delivers. Secondly, he that Receives. Thirdly, he who is to take the Mony. And Jastly, the Person unon whom the Bill is drawn; or in case of three Persons, thus: First, the Taker. Secondly, the Deliverer. And Thirdly the Person on whom the Bill is drawn. If two Persons, then First the Drawer; and Secondly, the Person on whom it is drawn; the former ordering the Bill payable to himself, or, Secondly.

There is likewise another fort of Exchange, and that is called a dry Exchange; and this is only to evade the Statute of Extortion, and is thus managed. If a Person has present occasion for a sum of Mony, he repairs to a Banker, and there is sumissed, upon giving a Bill of Exchange to repay it at Amslerdam: But the Bill becoming due, and no such Payment made; for indeed, he who draws the Bill hath no Correspondent in the Place mentioned, to receive it, a Protest comes over with the Bill, and so the Mony is paid by the Drawer, with Costs. And much to the same purpose is another way, called the Feigned Exchange; but that not being to my purpose, I shall omit it, and come to what is more useful in way of Trade.

As for the Pair, it is nothing more than reducing Foreign Coin to an English value. I have already mentioned it; and for the Form of an English Bill of Exchange, it is thus, if Ia-land.

Laus Deo. In London this 30th of November, 1687. For Fifty Pounds Sterling.

A T Six days fight, pay this my first Bill of Exchange to Mr. James Turner, or his Assigns, Fifty Pounds Sterling, for the value here received of Mr. Richard Wadsworth, and put it to Account, as by Advice.

Your Friend,

To Mr. Samuel Arnold, Mercer. d. d. Pma. in York.

Tho. Duke.

If it be an Out-land Bill, it differs only in place, and very feldom in the Form; showever, you must expect to have a Letter, fignifying, that such a Bill is drawn upon you, expressing the Contents, and upon what Account, which is commonly called a Letter of Advice, and is to prevent any Persons forging a Bill upon you, and the Letter is frequently sent before, though sometimes with the Bill inclosed in it, when there is no scruple in the Fidelity of the Taker, or Party to whom the Bill is directed. And if a second Bill come, then you must have it subscribed (viz.) my first Bill not being paid, pay this my second Eill, &c. and so to the third: And if he that underwrites the Bill makes himself Debtor, then must it be expressed, (viz.) and put it to my Account; but if he ought to pay it, then he must write, Put it to your Account.

The Form of an Out-landish Bill, in English thus, &c.

Laus Deo. In London this 30th of November, 1687. For 100 l. at 36 s. 8 d. Flemish, per Pound.

A T Usance, pay this my first Bill of Exchange, to Van Doulos Legar, Merchant; or order One Hundred Pounds Sterling, at Thirty Six Shillings Eight-pence Flemish, per Pound, for the value bere received of Mr. George Thomas; and put it to Account, as by Advice.

Your loving Friend,

To Mr. William Willis, Merchant, d. d. Pmain Rotterdam.

P. Motteux.

And fo the fecond, or third, at double or treble Ufance, if the first be not paid; or, if it be paid, if there be more upon the Account, or your Credit is good, the like may be specified.

If so it happen, that any Bill be negotiated by Exchange, or the Mony taken in, and so to be affigured over to another Man; then the Assignment must be written on the backside of the Bill in this manner, (viz_*)

Pay the Contents on the other fide hereof, to Mr. Gabriel Keeling, or Assigns, for the value received of Mr. William Wills. London, 30th of November, 1687. William Sims.

And if it so happen, That Gabriel Keeling does likewise Assign the same Bill for his Account, then it is requisite to write it only thus, (217.)

Pay the Contents bereef to Mr. James Cole.

And in the like manner upon all Bills, as for the time given it differs, according to the diffance of place, and for the most part, either depends upon the pleasure of the Drawer, or as he can agree with him that is to take, or receive it, and sometimes the badness of the Season is considered; that so, it being long kept from the Party's hands who is to pay it, he may not be surprised by a Bill's coming to him just as it grows due.

Things very proper and material to be observed, relating to Bills of Exchange, whereby all Parties may not only understand what is to be done on that Occasion, but do it with Ease and Safety, &c.

ET the Dealers care be to take a Memorandum in a Book of the Person's Aboad, who presents the Bill, and keep Copies of those he sends to get accepted, and make the Directions of Bills on the Inside, that so by knowing the place his trouble might be the less, ever excepting against the second Bill, the first not being satisfied, and by his taking Copies sent to be accepted, he may know how Exchanges (if his Talent lie that way) go in all places, and without trouble know the day he is to call for his Mony, and upon whom. But to come to things more material to be observed, So.

1. If a Bill, after Acceptance, be protested, it does not in the least clear the Party who was faulty in Non-payment, but makes him liable to pay the Charges. &c. though the Drawer is not excused, but slable to see the Bill satisfied.

2. It is not fafe for any Person to make a Bill paiable to the Bearer, lest happing to be lost, or to miscarry, it should be paid to the wrong Party; for if in this case it so happen, the Person who paid it, is not liable to a second Payment.

3. If a Bill happen to be drawn on two Persons, and but one of Ddd 3

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them accept it, and they are jointly concerned in it, you ought to protest notwithstanding, if the other refuse to accept it.

4. If a Bill upon being prefented, be only accepted by word of Mouth, and the Party afterward refuses to subscribe it, yet if it be left

in his hands. the Acceptance is held fufficient.

5. If a Bill happens to be accepted for part, and not for the whole, then may the Person who proposes it, give an Acquittance for so much Mony; yet must be enter Protest for the Non-payment of the rest, and fend it away.

6. Note, That the Person who draws the Bill, is Master of it till it becomes due, and may send it any time before; then to countermand it, or not to pay it till farther order; which Order must be made and passed before a Publick Notary, and notified to the Party who has accepted the Bill; but it must be before the Payment, or it is invalid.

7. If a Bill be drawn upon a Party out of Town, he not being at home, his Wife, or Servants, are not bound to accept it, unless he has by a Warrant of Attorney impower'd them so to do; yet, if they please, for the Credit of the Merchant, or Drawer, they may do it, yet Protest must be made against the Party on whom it was drawn, for Non-acceptance; and note, That all Bills where there is a defect in Payment, must be protested three days after they become due.

8. If a Bill accepted be loft, then must be who brought it, demand a Note of the Party's Hand and Seal, who received the said Bill for the Payment of the Mony, at the Day specified in the Bill, upon a second Bill, if it come to hand; or for want of it, upon the Note it self; and if a Note be refused, Protest must be entred and sent away; and when the Mony becomes due upon the second Bill, it must be demanded,

and a fecond Protest as the former for Non payment, &c.

9. If any Party happen to die between the time of Acceptance, and the Bill's becoming due, then must he, who was to receive the Mony, go to the place of his Aboad, and demand it when due, of the Executors; and if Payment be refused, he must Proteit as if the Party were living; and on the contrary, if it so happen, that the Party to whom it was paiable, die before the Bill is due, then ought it to be detnanded upon Security, to save the Payer harmless, though no Will be proved, or Administration taken out, and Proteit made upon refusal.

exactly, and abfolutely by name, then cannot be affiguit over to another; for if so, he that pays it to his Adigus, pays it to the wrong Party, and may be stable to pay it a second time. So. These and many the like Rules are to be observed in this way of Dealing, and indeed, are very Necessary to be known by all

Traders.

Of Brokerage.

By Brokerage, I mean not that which is called with us a Paum-Broker, (many of which are very great Extortioners, or a scandalous fort of People, not sit to be compared to, or have any dealing with Merchants;) but Brokers are Persons generally, that have had Missfortunes in the World, and have been bred Merchants, (or else they are not capacitated to be Brokers) for they must be Men that have Experience in Goods, in Exchanges, in Seasons for buying and selling: They must be Men stathful, and of Repute; for the things they are entrusted with, are of great Consequence: And these Men are employed betwixt Merchant and Tradesinan; and their Imployment is to find the Merchant a Shop keeper, or rather Chapman for his Goods.

All that I shall: And the better to do it, we will suppose your Master hath a Commodity that is come home from beyond the Seas, and he is to sell it: He speaks to a Brokers; When he hath so done, he is to note it in a Book for that purpose; where he sets the Day of the Month, and the Bargain at large; who Sells, and who Buys; at what Price, and at what Time. And for his Pains, he hath so every hundred Pounds worth of Goods, ten Shillings for himself. If the Bargain comes to nothing, (although he have been 3 or 4 days upon it) he can demand nothing for his pains, unless the Merchant will be so ci-

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This City hath a commendable Custom, That they will have Security for all that are Brokers. Yet of late Years, many Jews, and other Rascally Fellows, that know little or nothing of Merchants Affairs, adventure to meddle with Brokerage, and betray many Men, either through Ignorance or Knavery. It is not to be denied, but if our Merchants did keep up that Esteem of Brokers, that other Nations have of them, it would be far better for them, and they would not meet with fo many Inconveniencies as they do: For if the price of Brokerage was supported, and kept up, it would be a great Encouragement for them to enquire well after Men: But now the smallness of their Pay is not much better than Porter's Wages; and the Jews, and other pitiful Low-spirited Fellows, will do their Work at a far lower rate than the Merchants used to give; and remit it of one fide, so they may have it of the other. In former Days, the Brokers generally made in England I per Cent. but in Foreign Parts 2 per Cent. and better; and it's well if they get & per Cent. clear now.

Ddd4

The

The Form and Manner of drawing up a Bill of Parcels.

Mr. Robert Wing bought of Mr. Lond. 18. Novemb. 1687. at 1 Mon. Abraham Tom.

		C.	q.	1.		C.	q.	
4 No	1	6-	-3-	17	Tare	0-	-3-	-17
	5							
	7	6-	-3-	24-		-1-	-1-	-14
	8	7-	-2-	14-		-1-		-17
4	10	6-	-3-	22-		-0-	-3-	-24
	16	6-	-2-	27-		-0-	-2-	17
	14	7-	-3-	4-		-1-	->-	4
	17							
24	19							
	20	9-	3-	2-		0-	-2-	-27
		-				-		
Gross		-73-	-3-	00		9-	2-	20
Tare-								
		_				1.		
		63-	-3-	-22	Fret :)	
						- , ,		

68842 at 7 d. 2 per 1. 215294

It often happens, that when Goods are fold for time, the Seller being in Necessity for Mony, will give the Buyer an Allowance, if he will pay present Mony, which Abatement is called Discount, and is generally after the rate of 6, 8, or 10 per Cent. per Annum, as can be agreed, and is thus understood, and calculated. Suppose A is to receive of B 2-0/. Six Months hence, B offers to pay A prefently, if he will Discount at 6 per Cent. per Annum, A condescends, and they agree. Now to know what A must allow B for Discount, do thus. First, reduce your 200 %. into Pence, the Product will be 48000 Pence, then multiply those Pence by 6, the number of Months to be discounted for, the Product will be 283000, which divide by 200, and the quantity of time that that is to be allowed, both which make 206 for your Divisor, the Quotient will be 1398 6 Pence, which is 116 s. __ parts of a Penny, and fo much must be abated out of the Two, for the Six Months Discount, and no more, according to the true Method received among Merchants. OF

Of Mony and Gold.

Of Hebrew Mony.

A Mite three parts of one C.

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OF

A Quadrans, or Farthing, 2 Mites.

An Affary, or Farthing, Half-penny Farthing:

A Gerah, or piece of Mony, Penny-half-penny.

A Drachm, or Penny, Seven-pence-half-penny.

A Didrachm, or Shekel, one Shilling Three-pence.

A Sater, or Shekel of the Sanctuary, 2 s. 6 d.

A Mina, or Pound, 31.25.6 d.

A Talent of Silver, 187 1. 10 s.

A Shekel of Gold, Piece, a Dracon, Darius, or Drachm of Gold, 15 52

A Pound of Gold, 75 %.

A Talent of Gold, 2250 %

Of English Gold, and Mony.

Fineness of Gold is Estimated by the Karract, which is no certain Weight, but the 2 to of any quantity, this Karract is divided into Grains and Parts: The Karract that Weighs Jewels is divided into 4 Grains, 20 of which make 24 Grains Troy, or 1 Penny-weight-

As 12 to 1 in value, fo is Gold to Silver.

Therefore if an Hebrew Talent of Silver is valued at 375 Pounds that of Gold is worth 275 Pound.

In England Gold is thus Estimated. One Penny-weight of Auge!

Gold is worth 4 Shillings 2 Pence half-penny.

Crown Gold, 3 Shillings to Pence-half penny. Sovereign Gold, 3 Shillings 6 Pence-half penny.

The Standard for Sterling Mony in England.

11 Ounces 2 Drams fine Silver, and 18 Drams of Allay of Copper.
13 Ounces of pure Silver is worth 3 pound 4 shillings 6 pence.

I Ounce without Allay is worth 5 Shillings 4 Pence-half-penny.

12 Ounces with Allay, is worth 3 Pound.

The Standard for Gold, in the pound Troy 22 Karracts of fine Gold, 2 Karracts of Allay, Silver or Copper, viz. 11 Ounces fine Gold, counce Allay.

The Spanish, French, and Flemish Gold is as fine as English.
The Evench and Dutch put more Allay in their Mony than English.
I Pound

I Pound Troy of Gold } is worth \ \begin{cases} 40 & 18 & 4 & 4 \\ 49 & 13 & 8 & 4 \\ \end{cases} \]

Pound Troy of Silver is worth $\begin{cases} 03 & 0 & 0 \\ 03 & 15 & 3 \end{cases}$

A Hundred Pound in Gold weighs 1 Pound 11 Ounces, 3 Quarters.

A Hundred Pound in Silver weighs 26 Pound, 9 Ounces Haver-dupois-

Foreign Coin reduced to English Mony.

Spanish Mony.

Arnados
54 Mervids
11 Ryals
8 Ryals
4 Quartiliards

Mervid.
Ryal or 6 d. English.
Ducat.
Piece of 8, or 4 s. English.
Ryal or 6 d. English.

Portugal Mony.

40 Res
2½ Ryals
4 Testoons, or 10 Ryals make 1 Sucats

Ryal, or 6 d. English.
Testoon.
Ducat.
Milt of Gold.

French Mony.

12 Deniers
20 Soulx
16 Soulx
4 Carducas

Tmake 1 Soulx
Frank or Liver,
Cardeque.
Crown.

Scotch.

1 Small Piece 3 Small Pieces 2 Nobles Scotch 3 Nobles Scotch 3 Nobles Scotch 4 I Nobles Scotch, or 6 d. 3 I Nobles Scotch, or 20 d. English.

Iriflo.

2 Ob. or 4 d. 2 q. English. is 1 Harper, or 9 d. English. 20 Harpers

Flemifb.

8 Pence
2 Groats
2 Single Stivers
2 Single Stivers, or 10 Double
6 Guilders

1 Groat.
1 Single Stiver, or 3 d. 1 q. English.
1 Guilder, 3 s. 4 d. English.
1 Pound.

Persian Coins.

2 Biftees
2 Shawhees is I Shawhee.
2 Shawhees I Lawree.
2 Mammoodee.

ters.

Ver-

Hollands Mony.

A Doit 8 Doits 2 Stivers 6 Stivers	} makes	8. I Stiver 3 9. 2 and 25 Doits. I Doppelgen. Shilling Hol. II d. 2 English
o Stivers I Rixdollar).	50 Stivers, 4 s. 6 d. English.

For the better instructing of Young Traders, I have here added an Account of Weights, Measures, and Numbers.

Three Barly-Corns make an Inch, two and a half a Nail. A Hand is four Inches, or Fingers breadth; 3 Hands is a Span, 4 Hands or 12 Inches a Foot, 2 Foot makes a Pace, 5 Foot a Geometrical pace, 3 Foot, or 16 Nails is a Yard, one Yard and a quarter, that is 20 Nails make an English Ell. A Dutch Ell or Stick is three quarters of a Yard; which way they commonly measure Tapistry.

Six Foot makes a Fathom.

Ten Foot is a Gad, or Geometrical Perch, fornetimes Nine Foot.

Sixteen Foot and a half is a Pole or Perch by the Statute.

Eighteen Foot a Wood land Perch, used in Fens and Moors. 21 Foot a Forest Perch, used in Ireland or Lancaspire.

18 Foot three quarters a Scotch Pole or Perch.

4 Statute perches, or 100 Links make a Chain-

125 Geometrical paces make a Stade.

8 Stades, or a thousand Geometrical paces make an Italian Mile, used by English-men at Sea.

An

An English Mile is 1760 Yards.

8 Furlongs make an English Mile, as 8 Stades an Italian.

3 Italian Miles are an English League.

Four thousand Geometrical Paces make a small German Mile, five

thousand a great.

Forty square Perches is a Rood, four Rood an Acre, that is to say, 760 perches in length, 1 in breadth; or 80 perches in length, and 2 in breadth; or 4 in breadth, and 40 in length, make an Acre.

Ten Chains in length, and one in breadth make an Acre.

Thirty Acres is a Yard-Land, and one Hide of Land is a hundred Acres.

Ten Foot every way is a square, that is, a hundred square Feet-

How to measure Wood; Necessary for Country-men.

A Coard of Wood is four Foot over, four Foot deep, eight Foot long, being 128 Cubick Feet.

A Stack of Wood is 3 Foot over, 3 Foot deep, and 12 long, which

makes 108 Cubick Feet.

Block-wood, being great Logs, are fold by the Coard, finall by the Stack.

A Cubick Foot contains 1728 Cubick Inches, a Cubick Yard 27

Cubick Feet, or 46656 Cubick Inches.

50 Foot of Timber makes a Load, 40 Foot makes a Tun, 20 Foot a Butt or Pipe, 10 Foot an Hogshead.

18 Foot square, and 1 Foot deep, or 324 Cubick Feet is called a

Floor.

A Brick by the Statute should be 9 Inches long, 4 and a quarter broad, and 2 and a half thick; 500 make a Load, and 1000 of plain Tiles likewife.

How much Plank makes a Load.

300 Foot of 2 Inch Plank, 200 Foot of 3 Inch Plank, 150 Foot of 4 Inch Plank, 400 Foot of 1 and a half Plank, and 200 of Inch make a Load.

Something Useful to know about Tale of Goods.

Anvas Cloth, 120 Ells is accounted an hundred.

Fuftian, 14 Ells is a Chief, but of fine Linnen, Silk and Syndon, 10 Ells make a Chief.

Fifh, as Ling, Haberdene and Cod-fifh, &c. 124 is an Hundred; 1240 makes a Thousand. Eels, 25 to a Strike, 10 strike to the Bind. Herrings and Stock fish. 125 to a Hundred; 1200 makes a Thousand in a Barrel, 12 Barrels make a Last.

Laths, There must be but five-score to the Hundred, of five Foot long; but four Foot long are fix-score, or 120 to the Bundle; their

breadth one Inch and half, half an Inch thick.

There are 120 Deals and Nails to the Hundred, four thousand fix Inches Tree Nails (being made for Ship pins) three thousand nine Inches, two thousand Foot, fifteen hundred eighteen Inches, or one thousand two Foot Tree Nails or Ship pins go to the Thousand, and there's a Load of Timber in them.

Lime is fold by the Bag in London, which should be a Bushel : 25 make a Hundred: In the Country it is fold by the Load, which is about

forty Bushels.

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Hoops are fold by the Bundle, as 70 Pipe-Hoops 90 Hogshead, 120 Barrel or Kilderkin, 180 Pink or Firkin-Hoops make a Hundred.

Skins, as Goat, are numbred by the Kipp, of fifty Skins to the Kipp.

Other Skins five fcore to the Hundred.

Furs, as Sables, Filches, Minks, Martins, Greys, and Jennets, forty

Skins make a Timber.

Glass, a Seam is 24 Stone, or 120 l. New-Castle Glass, 5 Foot make a Table, 45 Tables make a Cafe, Normandy Glass, 25 Tables is a Cafe, which is cut into long squares, the other Diamond-fashion. Glass-Bottles, 21 to the Dozen; 12 fuch Dozen, or 252 make a Gross which is Days Work.

Paper, a Bale is Ten Ream; a Ream twenty Quire, twenty four,

Sheets in a Quire; in Genoa Paper twenty five Sheets in a Quire.

Parchment, a Roll is five Dozen, twelve Skins a Dozen. Hides, Ten make a Dicker, twenty Dicker a Last. Gloves, Ten pair is a Dicker; Horfe-shoes the same.

A Chaldron of Coles, 36 Bushels. A Load of Timber, 50 folid Foot. In a Hogshead of Wine, 63 Gallons. In a Barrel of Beer, 36 Gallons. In a Barrel of Ale, 32 Gallons. A Gross, 144 or 12 Dozen. A Weigh of Cheefe, 256 Pound. Days in a Year, 365. Weeks in a Year, 52.

A Tun of Wine, 252 Gallons. In an Acre of Land, 160 Perches. In a Rod of Land, 40 Perches. In a perch of Land, 2724 Foot

A pipe or Butt of Wine, 126 Gallons.

In a Last of Corn, 10 Quarters, or 80 Bushels.

A Tun of Iron, 20 hundred weight, or 2240 pound weight.

A Fodder of Lead, 19 hundred weight, or 2184 pound.

A Tod of Wooil is 28 pound; a Sack, 364; a Lait, 4368 pound. A Load of Bricks, 500 Bricks.

ATABLE of Expences and Wages.

		1	Week.			Mon	th.	I	Year.		
-		1.	ſh.	d.	1.	ſh.	d	1.	ſh.	d	
	1	0	0	7	0	2	4	. 1	10	5	
	2	0	I	2	0	4	8	13	0	10	
	. 3	0	I	9	0	7	0	4	1		
Pence.	4	0	2	4		9		6	1	3	
Pe	5	0	2	II	0	11	8	7	12	I	
	3 4 5 6 7 8	0	3	6	0	14	0	9	2	6	
	7	0	4	I	0	16		10	12	1	
	8	0	4	8	0	18		12	3	4	
	9	0	5	3	I	I	0	2	13	9	
	10	0	5	01	I	3	8	15	4	2	
	9 10	0	6	5	I	3 5	8	16	14	0	
	-	1-			-		_	6	34 0 1	-	
1	1	0	7	0	I	8	0	18	5	0	
	2	0	14	0	2	16	0	36	10	0	
	3 4 5 6 7 8	I	8	0	4	4	0	54	15	0	
	4	I		0	5	12	0	73	0	0	
	5	I	15	0	8	8	0	91	5	0	
	0	2	2	0			0	109	10	0	
	7	2 2	9	0	9.	16	0	127	15	0	
	0		12	0	II	4	0	146		0	
	9	13	3	0	12	12	0	164	5	0	
	11	3 3		0	14	8	0	200		0	
30	12	13	17	0	15	16			15	0	
1711	13	4	4	0	18		0	219	0	0	
Shillings.	13	4	18	0		4		239	5	0	
	14	4		0	19	0	0	255	10	0	
	15	5	5	0	22	8	0	273	15	0	
	17	,	19	0	23	16	0	310	0	0	
	18	5	6	0	25	4	0	328	5	0 0	
	19	5	13	0	26	12	0	336			
	20	7	0	0	28	0	0	336	15	0	
-	20	1		01	20			30)	-	0	

An Account of the true Method every honest Merchant or Dealer should take (according to Law) to get in what is justly owing to him, either by shuffling Tradesmen in the City, or dishonest Correspondents in the Country.

There is the Court of Conscience; and this only for Debts that are under forty Shillings, and take Cognizance only of such as are owing by Free-men of the City of London, inhabiting within the said City, or the Liberties thereof. Here you cause the Debtor to be warned in, and must refer the Matter to Commissioners appointed by the Lord-Mayor, &c. and you must abide by the Determination of the said Commissioners. Generally Poverty is pleaded, and the Debtor is ordered to pay so much by the Week, & d. or 12. d. or what the Court thinks sit, or else Execution is taken out against him. You are believed for what you demand upon your Oath.

2. The Second way of Proceeding that is Civil, is to make an Attachment upon your Debtor's Effate, Montes or Goods that you understand is due to him from A. B. J. C. &c. in the Mayor's or either of the Sheriff's Court; and this doth not hurt the Person of him that owes the Mony, but only secures the Debt, and is no great Disgrace to the Debtor, nor any great Charge, and is done with much Privacy.

3. The Third way, if you have any difference with a Man, and have a mind not openly to disparage him, you acquaint him, you intend to enter an Action against him in such a Counter, and he will do well to put in Bail by such a Day; this is a great piece of Civility, if you must go to Law, and saves Mony on both sides that is given to Sergeants, &c.

4. The Fourth way is, When you fear your Man indeed, and do really think to fecure him, then you give order to an Officer to take him into Custody; you must first enter your Action at one of the Counters, and pay your Sergeant; and when the Sergeant hath him, you have the Sheriff for your Security, if the Party makes any Escape, or the Bail be not good.

5. The Fifth is, by way of Writ from the King's-Bench, or the Common-Pleas; and here the Party is held to special Bail before a Judge, and must give in Bail here below, and above too; and this is troublesom for the Debtor, and also Chargeable.

6. A Sixth way is, by Outlawry, and this is very rigorous; and a Man now a days by the baseness of an Attorney, is sued to an Outlawry, and knows nothing of it, but is quiet, and means no body harm;

barm; and here he is ruined, and run up to much Charge before he

knows wherefore he is troubled.

7. The Seventh is, A Commission of Bankrupt; and this is many ways convenient, but exceeding chargeable; the meaning of it is, a Commission from under the Great Seal of England, directed to such and such Commissioners, naming five or more, directing them to enquire into all the Particulars of the Man's Condition that hath failed.

They have power to Administer an Oath, to send to Prison, to release out of Prison; they can break open Houses, seize Goods, sell them; extend Lands; and in short, do any thing for the Advantage of the

Creditors.

But a Statute cannot be taken out against a Man, unless one or more Creditors join together, or the Sums amount to more than 100%.

and they must give Security to prove the Man a Bankrupt.

This is a rigorous manner of Prosecution, and generally leaves the Estate far worse than they found it; for it is very chargeable and tedious.

These are the several Ways that are used to get Mony in, and to profecute Men: What more there are, I know not; that must be enquired into of them that are Learned in the Law.

But how if I am emploied by another to profecute another here, how

must I Act it?

Answ. In the same nature as is before-cited; but you must have Power from the Man that employs you.

What mean you by Power? Is not his Letter enough, and his Or-

der to do it ?

Answ. No; that is not sufficient; you must have a Procuration: Co called in all Foreign Parts; and by us in England, A Letter of Attorney, that impowers you to fue his Debtor, cast him into Prison, and release bim.

Directions to Merchants and other Dealers how to discover all Counterfeit Coin, and bad Mony, of great Use in the Receiving of great Sums of Mony.

Will farther add fomething that may be useful to Merchants and all other Dealers that know it not, to prevent their being deceived with the Counterfeit Coin, that notwithstanding the great Care used by our Governors to prevent it, is continually made and vended amongst us; wherefore they are to observe.

1. That there is one fort of unlawful Mony that is made fo (of the lawful Coin) by Clipping or Filing, or both, or otherwise lightning 2. There

or impairing the lame.

2. There is another fort of unlawful Counterfeit Mony, made with the mixture of a little Silver and other baser Metal, which by Artificial Working, Boiling and Finishing, will be made much like in Countehance, and near as passible as good Mony.

3. There is another fort of unlawful Mony made of Solid Copper or Brafs, and covered or cafed over, on the flat parts, as thick as Paper, and on the edges near as thick as a Six-pence with good Silver, and is

commonly as passible as the other.

4. There is another fort of Counterfeit Mony, made only of fine hardned Tin, which comes near (at first making) to the Colour of good Silver Mony.

For the knowing of these (one from another, and all) from the

lawful Coin; Note further,

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First, The good Silver Coin that is clipt, filed or lessened, although thereby made unlawful, yet according as it is more or less by these ways abused, the People do receive or refuse it, as they can agree.

Secondly, This fort, although when artificially finisht, it much refembles the proper Silver-Coin, yet it cannot be so cunningly done, but it may be discovered by its different aspect from the good; if that give cause of Suspinion, rub either the edge or flat part of it upon a dry Board, that hath gravelly or gritty Matter on it; as the step of a Stair, or such like; or else when the out-part of the edge is a little rubb'd off, rub it on a good clean Touchstone, as afore is directed, and if it be false you will thereby discover it; or else take a Gold-smiths Graves made sharp, and enter it in some part of the flat of the Mony, as if you began to engrave, and in that Hole or Bottance, (by viewing it in the light) it will appear in its yellowish Colour.

Thirdly. This fort is always different from the good Silver Mony, thus (to wit) as the good Silver Mony hath frequently, (kmean the old Mony) fmall cracks on the edges thereof, which is made by the forging it; fo this fort of Counterfeit Mony is generally fmooth on the edges without such cracks; and as the good Mony will (being let fall, or thrown flat on a folid Board) ring shrill, so this fort of bad Mony, by resson its Case of Silver, cannot be so united to its Body of Brass or Copper, but it will safe tetall or thrown as aforesaid) sound like Lead; where these Signs give cause of suspicion; the use of a Gra-

ver, as aforefaid, will plainly discover it.

Of the Fourth, This fort is easily discovered thus, (that is to say) it cannot be avoided but his Countenance will look much duller or darker than the good Mony; and if you bite it, you may make greater Impressions thereon with your Teeth than on the good Coin; for it is softer, and much easier to be bent between the Teeth, or in some Chink or Joint of Boards, than good Mony.

There may be other forts of Counterfeit Silver Mony, otherwise to discover the fame: But to enlarge this Discourse on the Critick Nict-

Fee

500

ties of what is, or may be observable therein, and the Laws in force concerning the same, would not only swell this, but be Matter for another Volume; therefore I will only add, that ingenious Traders being well acquainted with the Particulars of the fore-going Treatile, and these plain Rules here laid down, and by their care, to observe nicely, the Proportion, the Stamp, Countenance, and wearing of the good Mony will easily discern its difference from the Counterseit: And as the Counterseiting, Clipping, Rounding, Washing, Filing, Impairing, Diminishing, Fallisying, Scaling or Lightning.

For wicked Lucre fake, the proper Mony or Coins of this Realm, is High Treason by these Statutes, (to wit) 25 Edw. 3. 2. &c. 3. Eliz. 11. &c. 18 Eliz. 12. and the Actors of these Crimes, the Councellors, Consenters, or Aiders therein, to be punished accordingly; so the Counterfeiting the Sterling or Standard-Gold or Silver of this Realm, in any Works or Wares whatsoever, both the Working, Selling, Exposing to Sale, and Exchanging or Bartering thereof, is severely punishable, as is before made manifest; and it may be said of the unlawful Mony as of the malawful Gold and Silver maker, that if the People mind, as they may be so ingenious to know and resule them, the Maker of either would soon desit from such unlawful Imployments.

The Methods observed in Compounding Debts, and what ought to be observed therein; The way of proceeding upon a Commission of Bankrupt, and what it is; Together with the Form of Writings, Seasonable on that Occasion, &C.

If a Perion ablent himself from his Buthness under a failure in the World, and will not appear to negociate with his Creditors for time of abatement, but does it by Proxy, appointing a Place for the general meeting of the faid Creditors to heat Propositions made to them, which are usually these viz. To pay to much in the Pound, which is called Compounding: To pay in Goods as they first cost, or to give security upon time. In this case the Cardinors outgit to consider whether their Debror's really necessitated no betake high to this shift, or whether he does it duried policy to this thimself of a bad Bargain, or keep other Men's Monies in his Hands, See and accordingly to take their measures; for if the former, they ought to take the irrit offer, for seldom comes a better; a Man continually losing huntels by being restrained from his Business, and consequently his Affairs, must conto pain it is be out of Knavish thesign to designed his Creditors and enrich

enrich himself, a Practice too frequently used, there is a way to serrer him out of his secret Abode, which is by taking our a Statute of Bank-

rupcy against him, which in brief is this:

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There is a Commission obtained from under the Great Seal of England, nominating and directed to five or more Persons appointed Commissioners, impowering them to make a ftrict and through inquiry into the Party's Estate, and all the Particulars attending, or depending thereon, giving them fufficient Authority to Administer Oaths to any they furbect to be conniving, or confederate with him in concealing, or carrying away any part of his Goods, or any thing appertaining to him; as also what Monies are due from them to him upon Account, or whatever they shall conceive convenient in the like nature. and may lawfully break open fuch House, or Houses, where they are fufficiently informed fuch Goods are conveyed and concealed, and may imprison fuch as shall refuse to answer them any lawful Question, upon fufficient ground fo to do; and may not only fell the Goods, but extend the Lands, or Estate to the advantage and behoof of the Creditors, and catife a Distribution of the Monies fo obtained, to be made amongst those that have paid their quota in defray of the Charges, allotting to each a Dividend according to the Sum he proves and makes out, be it more or less; and if it so happen, which is very seldom, that there be any Overplus, it must be returned to the first Proprietor. that is, the Party that was Bankrupted.

Note, That in taking out this Commission, sufficient Security must be given in to prove the Party a Bankrupt; nor is it taken out against any Man, unless one or more of the Creditors consent and join, and the

Sums amount to upwards of 100 to

As for the usual Rates of Composition, they are from five to fifteen Shillings in the Pound ready Mony, or such Security as the Creditors shall accept; and in this Case it must be acknowledged as Satisfaction, and a Release given in general discharge upon Payment, as if the whole had been paid, and fuller Satisfaction made.

Fixed Feafts.

Clircumcission, or New years-day	1 Fan.	1
	Fan.	6
Conversion of St. Paul	Fan.	25
Martyrdom of King CHARLES I.	Fan.	30
Purification of the V. Mary, or Candlemas day -	Febr.	2
St. Matthias [in Leap-years Feb. 25.]	Febr.	24
Lady Day, or Annunciation of the Virgin Mary -	March	25
Ree 2		St.

St. Mark Evangelift		
St. Philip and Facob, or May-day	- April	25
Birth and Return of King CHARLES II.		1
St. Barnabas Apoltle	- May	25
	- June	11
Didlummer, or St. John Baptist	- June	24
St. Peter Apostle	- June	29
St. James Apostle	- July	25
St. Bareholomew Apostle	- August	24
St. Matthew Apostle	September	21
Dichaelmas, or St. Michael the Arch-Angel-	- September	29
St. Luke Evangelist -	- Odober	18
St. Simon and St. Jude -	- October	28
All Saints —	November	20
Powder-Treason	November	
St. Andrew Apostle -	November	5
St. Thomas Apostle-	December	30
Christmas, or Birth of our Lord God-		21
St. Steplen Protomartyr	December	25
St. John Evangelist	December	26
	December	27
Innocents	- December	28

Remarkable Days.

T T Alentine	February	14
V Equal Day and Night	March	10
St. George	April	23
Longest Day, or Barnaby	3ume	11
Election of Sheriffs in London	Fune	24
Swithin	July	15
Dog-Days begin	July	19
Lammas —	August	1
Dog-Days end	August	27
Equal Day and Nig'	September	12
Sheriffs of London Sworn	September	28
Election of the Lord-Mayor of London	September	29
Lord-Mayor's Day when he is Sworn at Westminster	October	29
Shortelt Day	December-	11

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The TERMS and their Returns.

Hillary Term begin	s Janua	ry	23. end	F	bruary	12
Return on Essoyn days.	1 Exch.	da.	Retur.	Br.	Appea	n.
Octab. Hill. January 21	7 anuary	21	Fanuary	22	Fanuary	2
Quind. Hill. January 28	Fanuary	28	1 Fanuary	29	Fanuary	3
Craft. Purif February 5	Februar	y 4	Februar	y 5	1 Februar	,
Octab. Purif. Febr. 11	Februar	, 11	Februar	7 12	Februar	7 1
Easter Term begi	ns Ap	ril	16. 0	ads	May	12
Quind. Pafch. April 14	April	15	April	16	April	1
Tres Pasch. April 21		22	April	23	April	2
Menf. Pasch. April 28	April		April	30	April May May	
Quind. Pasch. May 5	May	6	May	7	May	
Crast. Ascens. May 9	May	10	May	10	May	1
Trinity Term begi	ns Ma	y	30. en	ads	June	18
Trinity Term begi	May	27	May	28	May	18
Craft. Trin. May 26 Octab. Trin. June 2	May June	27	May June	28	May	3
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9	May June June	27	May June	28		
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9	May June	27 3	May	28	May June	3
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9 Tres Trin. June 16	May June June June	27 3 10 17	May June June June	28 4 11 17	May June June June	3
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9 Tres Trin. June 16	May June June June	27 3 10 17	May June June June 23. ends	28 4 11 17	May June June June	28
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9 Tres Trin. June 16	May June June June	27 3 10 17	May June June June 23. ends	28 4 11 17 No	May June June June ovember	28
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9 Tres Trin. June 16 Michaelmas Term beg Tres Mich. October 20 Menf. Mich. October 27 Craft. Anim. Novem. 3	May June June June June October October Novem.	27 3 10 17 3 10 17	May June Fune June 23. ends	28 4 11 17 No 22 29	May June June June ovember	28
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9 Tres Trin. June 16 Michaelmas Term beg Tres Mich. October 20 Menf. Mich. October 27 Craft. Anim. Novem. 3 Craft. Mart. Novem. 3	May June June June Gins October October Novem.	27 3 10 17 cob.	May June June June 23. ends October October Novem.	28 4 11 17 No 22 29 5	May June June June October October Novem.	28
Craft. Trin. May 26 Octab. Trin. June 2 Quind. Trin. June 9	May June June June June October October Novem. Novem.	27 3 10 17 3 10 17 27 4 13	May June Fune June 23. ends	28 4 11 17 No 22 29 5	May June June June ovember	3 1 1 28

The Exchequer opens eight days before any Term begins, except Trinicy Term, before which it opens only four days. Note, That the first and last days of every Term, are the first and last days of Appearance.

Eee 3

A Perpetual ALMANACK of daily Use to all Traders

Apr. July	Sept. Dec.	Febr.	Mar. Nov.	Au-	May. Jan.	Octo- ber.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	00	00	00	00

Note, That on what day of the Week the Year begins, the Figure under each Month is the same day of the Week until the Years end: as for Example; The 25th day of the first Month, called March, was on the Third Day of the Week, called Tuesday; under September and December you see (2,) which sheweth Tuesday to be the second day of each of those Months; and so go on to the end of the Month; and the like in all the other Months.

A Table of KINGS.

Names.		neir	1 1	Reign	ed.		ince th	
	Reign		Y.	M.	D.		Reigne	ed.
W. Con.	1066 Octo.	14	20	11	22	597	Septem	16.
W. Rufus	1687 Sept.	9	22	11			Augus	
	IIOO Aug.		35	4			Decem	
	1135 Dec.			11			Octobe	r 2
Henry 2			35	9	I.	495	Fuly	
	1189 July			9	0	485	April	
	1199 April		17	7	0.	168	October	
Henry 3	1216 Octo.	19	56	1	9.	112	Nov.	1
Edward il	1272 Nov.		34	. 8	6	377	Fuly	
	1307 Fuly	7	19	7	5	158	Fan.	2
Edward 2	1326 Fan.	25	51	5			Fune	2
	1377 June	21		3			Sept.	2
Henry 4		29	13	6			March	
	1412 Mar.	20	9	5	242	62	August	3
	1422 Aug:	31	38	6			March	
	1460 Mar.	4	22	1			April	18
	483 April	9	00	2			Fune	18
	1483 June	2		2			August	22
Henry 7	485 Aug.	22	23	10			April	22
	509 April	22		10	21	28	fuly	28
	546 Fan.	- 17	6	5	101	31	fuly	6
	553 Fuly	6	5	4	22 1			17
	558 Nov.	174	-	4	16	32 1	March	24
	602 Mar.	242		8	2	59 1	March	27
	625 Mar.	27 2		10			fan.	30
	648 Fan.	303		0.	8		ebr.	6
ames 21	684 Febr.		4	0	7		ebr.	13
Villiam 3 } I	689 Febr.		100	m God	d gran	lon	g to Reig	

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or. An Account of the Names of the Principal Fairs in England, &c. Together with the Month, Day, and Place where they be kept, more exactly than heretofore, for the Use of all Citizens, and others that go to Fairs.

Fanuary.

The 5 day at Hicketford in Lancashire; the 6 day at Salisbury; the Thursday after at Banbury; the 25 at Gravesend, Bristol, Churchingsord, Northallerton in Yorkshire, every Wednesday from Christinas until June.

February.

The first day at Bromly in Lancashire; the 2 day at Reading in Barkshire, Maidstone, Bicklesworth, Becklessield, Bath, Lin, Bugwort; the 3 day at Brogrove; on Valentines day at Owndle in Northamptonshire, Feversham; the 24 at Henly upon Thames, Baldock; on Ashwednesday at Royston, Dunstable, Eaton, Tamworth, Tunbridge, Lichfield, Exeter, Cirencester: the first Thursday in Lent at Banbury.

March.

The 3 diy at Bromwel brakes in Norfolk; the 4 at Bedford; the 12 at Alfome in Norfolk, Sudbury, Wooburn; the 13 at Wye, Bodwin in Cornwal: the 20 at Durham; the Monday before our Lady-day at Kendal, Wisbich; the 25 day at Huntington, Northampton, Malden, Ashwel in Hartfordshire, Newcattle; Mid-lent, at Saffron-walden in Essex; Goodsriday at Norwich; Palmsunday-eve at Wisbich, Worcester, Pomfret.

April.

Easter monday at Oney in Bedfordshire, Gainsborough; Easter-tuesday at Daintry in Northamptonshire, Godmanchester, Schole in Norfolk, St. Edmunds bury; on Wednesday at Wellingborough in Northamptonshire; on Friday in the sameWeek at Darby; on Saturday at Bicklesworth; the 2 at Hitchen, Rochford, Northsleet: the 7 at Darby; the 9 at Billingsworth, Bicklesworth: the 22 at Stabsord; the 23 at Ipswici, Harbin in Norsolk, Northampton, Sapsar in Hartsordshire Charing, Hinningham, Tamworth, Bury in Lancashire, S. Bombs in Cornwal: the 27 at Duamow in Essex, Oakham in Rutlandshire, Buckingham, Darby: the 29 at Tenderden in Kent, Pleet; the 30 at Beverly a Week ogether.

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May.

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The first day at Haverel in Essex, Layton-buzzard in Huntington-shire, Rippon in Yorkshire, Reading, Maidstone, Tuxsford in the Clay; the third at Elstow in Bedfordsh. Noneaton in Warwicksh. Thedsford in Norfolk, Chelmford in Essex, Waltham-Abby, Hinningham, Rochdale, Bramyard: the 7th at Newton in Lancashire, Beverley, Oxford: the 10th at Rochester, Dunstable, Magsield in Suffolk: on Rogation Munday at Reach: on Ascention-day at Thaxted, Beverly, Rippon, Sudminster, Bishops-stratford, S. Eeds, Wickham in Lancashire, Middle-Wich in Cheshire, Chappel-frith in Derbyshire; on Whitson-Eve at Skipton in Craven: on Whitson Monday at St. Ives, Rygate in Surry, Bicklesworth, Bradford, Agmundesham in Buckinghamsh. on Whitson-Tuesday at Newmarket: on Wednesday at Roytton: on Thursday at Odehill in Northamptonshire: the 26th day at Lenham: the 29th at Crainbrook.

June.

On Trinity Eve at Rowel, Kendal: on Corpus Christi at Banbury, Bishops stratford, S. Eeds, Coventry, Newbury: the 9th at Maidstone: the 11th at Breme in Norsolk, Bardsield in Essex: the 17th at Hadstock: the 23th at S. Albans, Deerham in Norsolk, Shrewsbury: the 24th at Halson in Suffolk, Barnwel beside Cambridge, Bedford, Colcheter, Rumford, Reading, Windsor, Halisax, Hardsord, Beverly, Haselinden: the 26th at Bristol, Derby: the 27th at Burton on Trent, Folstone: the 28th at S. Pombs in Cornwal: the 29th at Peterborough, Ashwel, Sudbury, Stebbing in Essex, Benington in Hartfordshire.

July.

The 1, 2, and 3 days at Congeliton in Chesh, the 7th at Royston, Burntwood: the Monday after at Fodringham: the 11th at Partney for Horses: the 20th at Uxbridge, Coolidge, Woodstock, Barkway: the 22th at Ickleton, Bicklesworth, Norwich, Colchester: the 25th at Audly-end beside Walden, Reading.

August.

The first day at Bedford, S. Eeds, Dunstable, Feversham, Wisbich, Bicklesworth, Stony-stratford: the 10th at Blackamore, Harple in Norfolk, Thaxted in Estex, S. Ives, Bedford, Banbury, Farnham, Brainford: the 15th at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24th at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggars bush, Burton: the 29th at Halson in Suffolk, Harlow bush in Essex, Watford.

September.

September.

The first day at S. Giles in the bush, on Thursday and Friday next before the 8th day, at Sandbach in Chesh. 7, 8, 9 and 10 days at Woodbury hill in Dorsetsh. the 7th at Ware; the 8th at Huntington. Bury in Lancash. Partney, Wakefield, Northampton, and Sturbridge Fair belonging to Cambridge begins; the 14th at Rippon for Horses, Waltham-Abby, Chestersield in Darbyshire, Richmond; the 21th at Marleborough, Bedford, Baldor; S. Edmond-bury, Holden in Holderness, Braintry, Brackly maiden, Malden; the 29th at S. Ives, Basingttoke, Market-deeping, Shelford in Bedfordshire, Bishopstratford, Malden for Horses, Stow in Lincolnshire; Thursday after at Banbury.

October.

The fecond at Salisbury; the 6th at Havent in Hampsh. Maidston, Coolidge, Gayworth by Lin, S. Faiths; the 8th at Bishopstratford, Harborough; the 9th at Gainsborough in Lincolnshire; the 13 at Windfor, Colchester, Gravesend; the 18th day at Ely, Bishopshatsield, Barnet, Banbury, Thirst, Burton on Trent; the 21th day at Saffron-Walden; the 23th day at Bicklesworth; the 28th day at Newmarket, Dis in Norfolk, Wakesield, Richdrie in Lancashire.

November.

The first day at Chelmsford; the second at Epping-Kingstone on Thames. Padamhasson in Susfolk; the 6th at Newport pond, Bedford, Hartford; the 11th at Lodden in Norfolk, Lenton in Nortinghamshire, Hempton in Norfolk; Fockingham in Lincolnshire, Bridgstock in Northamtonsh. Marleborough; the 17th at Spalding in Lincolnshire, Harlow, Lincoln, Hide, Northampton; the 19th at Horsham in Kent; the 20th at S. Edmondsbury, Ingerstone in Essex, Heath; the 23th at Sandwich; the 30th at Boldoc, Bareford, Kolingborough, Maidenhead, Warrington, Rochester.

December.

The fifth at Pluckly; the 6th at S. Feds, Woodstock, Spalding, Norwich in Cheshire, at Exerer, Senock in Kent, Arundel, Grantham; the 7th at Sandhurst; the 8th at Northampton, Clitheral in Lancashire, Malpas in Chesh, the 29th at Canterbury, Salisbury.

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The Principal CITIES and Market-Towns in England and Wales, with the Diftance of one CITY and Market-Town from another. To which is added, An Account in what County each City and Town lies, and the respective Market Day; A Thing Useful to be known by all Whole Sale Dealers: And likewise it is Useful to direct all Tradesmen in their Travelling upon the Road from Town to Town, and from City to City.

I Road from London to Huntington, Stamford, York, Durham and Berwick—to Newmarket and Norwick,—to Cambridge, Ely and King's-Lynn, to Bury,—to Walfingham,—to Peterborough, and Boston,—to Lincoln, Hull and Flamborough.

Berwick Road.	Partic.		To	tals.	County.	
	cm.	mm	cm.	mm		
Waltham Crofs.	12	12	12	12	M. & H.	
Hoddesdon, Th.	1 5	6	17	18	Hartford.	
Ware, Tu.	3	3	20	21	Hartford.	
Puckeridge.	4	6	24	27	Hartford.	
Bunting ford, Sat.	3	4	27	31	Hartford.	
Royston, W.	6	7	33	38	H. & C.	
Caxton, Tu.	9	12	42	50	Cambridge.	
Huntington, Sat.	6	7	48	57	Huntington.	
Stilton.	9	12	57	69	Huntington.	
Water-Newton.	1 5	6	62	75	Huntington.	
Stamford, M. F.	1 7	8	69	83	Lincoln.	
Southwitham	7 8	10	. 77	93	Lincoln.	
Grantham, S.	8	. 11	85	104	Lincoln.	
Newark, W.	10	14	95	118	Nottingham.	
Tuxford, M.	10	13	105	131	Nottingbam.	
Bramby on the Moor	8	10	113	141	Nottingham.	
Beautry, S.	4	6	117	147	Yo. m. r.	
Doncaster, S.	6	8	123	155	70.m.r.	
Wentbridge	17	10	130	165		
Ferrybridge	14	5	134	170	4.4	
Sherbourn, S.	1 4	6	138	176		
Tadcaster, Th.	1 4	6	142	182	Yo. w. r.	

Part of Barwick	Pari	ric.	To	tals.	County.
Road.	cm.	mm	cm.	mm	County.
YORK, Th. S.	8	9	150	191	To. n. r.
Skipbridge	6	8	156	199	To. w. r.
Borough-bridge, S.	7	10	163	209	Yo. w. r.
Sandheuton	7 8	12	171	221	To. n. r.
Northallerton, W.	5	8	176	229	To. n. r.
Great Smeton	5	6	181	235	Durham.
Darlington, M.	1 5	8	186	243	Durbam.
Woodham	6	8	192	251	Durbam.
DURHAM, S.	8	11	200	262	Northumberl.
Newcastle, Tu. S.	12	14	212	276	Northumberl.
Morpeth, W.	12	15	224	291	Northumberl.
Caucot	8	10	232	301	Northumberl.
Alnwick, S.	6	8	238	309	Northumberl.
Belford	12	14	250	323	Northumberl.
Hagerston	6	8	256	331	Northumber!.
Berwick, S. Norwich Road.	6	2	262	339	Berwick.
Puckeridge	- 19 1-1-		24	27	Hartford.
Barkway	17	8	31	35	Hartford.
Barley	1 2	2	33		1 ** 0 *
Whittlesford-bridge	8	8	41	45	Cambridge.
First Ditch	5	7	46	52	Cambridge.
Newmarket, Tu.	1.7	8	53	60	Camb. & Suff
Barton-Mills	1 7	. 8	60	68	Suffolk.
Therford, S.	1 6	11	69	79	Norfolk.
Darlingford	9	8	75	87	Norfolk.
Attleborough, Tu.	1 4	6	79	93	Norfolk.
Windham, F.	4 6	6	85	99	Norfolk.
NORWICH, W. F. S.	6	9	91	108	Norwich,
King's-Lynn Road.					Hartford.
Barkway	1.	. 4	31	35	Cambridge.
Foulmere	6	7	37	42	
Cambridge, S.	6	9	. 43	51	Cambridge.
Milton	3 6	4	46	55	Cambridge.
Streetham Ferry	6	7	52	62	Cambridge.
ELY, S.	4	6	56	68	Cambridge.
Littleport ·	1 4	5	60	73	Cambridge.
Southrey	1 5	6	65	79	Norfolk.
Dounham, S.	5	7	70	86	Norfolk.

N K B B

Ba Br H S/N F

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E S B T L T R E

Part of King's-	Pa	rtic.	To	tals.	1	
Lynn Road.	cm.	mm	em.	mm	County.	
Seeching, Tu. King's-Lynn, T. S.	6	7 5	67 80	93	Norfolk. Norfolk	
Bury Road.	1.					
Newmarket, Tu.	1		53	60	Cambr. & Suff.	
Kenford	3		56	64	Suffolk.	
Burrow-bridge	3	4	59.	69	Suffolk.	
Bury S. Edmonds, W.	4	5	63	74	Suffolk.	
Walfingham Road.		1			PART IN FIGHT	
Barton Mills	3.2		60	68	Suffolk.	
Brandon Ferry	8	•	68	77	Suffolk.	
Hilborow	6	9	74	86	Suffolk.	
Shaffham, Sat.	4	9	78	92	Norfolk.	
Newton	3	5	81	97	Norfolk.	
Fakenham, Th.	. 3	12	89			
Walfingham, F.	4	6		115	Norfolk.	
Boston Road.				- 1		
Stilton			57	69	Huntington.	
Taxley, Tu.	1 2	2	59	71	Huntington.	
PETERBOROW, S.	3	5	62	76	Northampt.	
Crowland	1 6	II	71	87	Lincoln.	
Spalding, Tu.	9	ii	79	98	Lincoln.	
Gosberton	4	6	83	104	Lincoln.	
Boston, W. Sat.	8	10	i	114	Lincoln.	
Flamborough Road.					13,010,634	
PETERBOROW, S.			62	76	Northampt.	
Market-deeping, Th.	8	11	70	87	Lincoln.	
Bourn, Sat.		6	75	93	Lincoln.	
Beacon Hill	5	8	81	101	Lincoln.	
Sleaford, M.	7	9	88	110	Lincoln.	
Branswell	1 2	6	92	116	Lincoln.	
The five ways	13	6	97	122	Lincoln.	
LINCOLN, Fr.	5 5 8	7	102	129	Lincoln.	
The Windmills	8	10	110	139	Lincoln.	
Redburn		9	117	148	Lincoln.	
Elsham	8	10	125	158	Lincoln.	
Barton, Tu.	15	6	130	164	Lincoln.	

Part of Flamborough Road.	Partic.		To	tals.	Country	
Road.	cm.	mm	cm. mm		County.	
Hull, Tu. Sat.	1 5	6	135	170	Yor. e. r.	
Beverley, W. S.	6	9	141		Yor. e. r.	
Wootton	6	8	147	187	Yor. e. r.	
Killbam, Th.	8	9	155		Yor. e. r.	
Burlington, Sat:	6	8	161		Yor. e. r.	
Flamborough	4	5	165		Yor. e. r.	
Flamborough-head	1 2	2	167	211	Yor. e. r.	

II. The Road from London to Colchester, Ipswich and Yarmouth—to Harwich.

Yarmouth Road.		0	1		yang in
Rumford, W.	19	12	10	12	Effex.
Burntwood, Th.	3	6	15	18	Effex.
Ingeriton	5 5	6	20	24	Effex.
Chelmsford, F.	1 5	5	25	29	Effex.
Witham	7	8	32	37	Effex.
Kelendon.	3	4	35	41	Effex.
Colchefter, S.	8	9	43	50	Effexa
Stretford-ftreet	5	7	48	57	Suffolk.
Ipfwich, W. F.S.	38 5 7 7 3 5 6	11	55	68	Suffolk.
Woodbridge, W.	7	7-	62	75	Suffalk.
Wickham	3	4	65	79	Suffolk.
Saxmundham, Th.	5.	7	70	86	Suffolk.
Blithborough			76	96	Suffolk.
Beckles, S.	7	10	83	106	Suffolk.
Fritton	5	9	88	115	Suffolk.
farmouth, S.	4	6	92	121	Suffork.
Harwich Road.	18				
	1 1 2	1			rei
Colchester, S.			43	50	Essex.
Ardley	4	5.	47	55	Effex.
Maningtree, Tu.	14	4	51	59	Effex.
treet	7	8	58	67	Effex.
Jarwich, Tu.	3	4.	.01	71	Effex.

III. The Foad from London to Rochester, Canterbury, and Dover, ——to Sandwich and Deal.

Dover Road.	Partic.	1 To	tals.	Country	
Dover Road.	cm. mm	cm.	mm	County.	
Deptford	4 5	4	5	Kent.	
Dareford, S.	10 11	14	16		
Northfleet, Tu.	4 5	1 18	21	Kent.	
ROCHESTER, Fr.	8 9		30		
Chatham	1 1		31	Kent.	
Sittingborn	7 9		40	1	
Bocton freet	7 9		50	100	
CANTERBURY, W. S.	4 6	7-	56	Kens.	
Liddon and	9 10	1 7-	66	Kent.	
Dover, W. S.	3 5	1	71	Kent.	
Docer, W. S.	1 3	1 ,5	1.		
Deal Road.	12			ment boy.	
Dear, Noau.	0			- 10	
CANTERBURY, W. S.	1	46	56	Kent.	
Wingham	1	51	. 63	Kent.	
	5 6	56	69	Kent.	
Sandwich, W. S. Deal	1	60	74	Kent.	
Dear	4 5	- 00	/41	nem.	
IV. The Road from	3	Tunbi	ridge a	ind Rye.	
Rye Road.	6 7	1		17	
	11 0	-		Kent.	
Bromely Th.	1 4 7	0			
Cananalia	5 7	6	7		
Sevenoke, S.	10 13	16	20	Kent.	
Sevenoke, S. Tunbridge, F.	10 13	16	20 26	Kent.	
Sevenoke, S. Tunbridge, F. Stonecrouch	10 13	16 20 30	20 26 39	Kent. Kent.	
Sevenoke, S. Tunbridge, F. Stonecrouch Newenden	10 13	16 20 30 38	20 26 39 50	Kent. Kent. Kent. Kent.	
Sevenoke, S. Tunbridge, F. Stonecrouch Newenden	10 13 4 6 10 13	16 20 30	20 26 39	Kent. Kent.	
Sevenoke, S. Tunbridge, F. Stonecrouch Newenden	10 13 4 6 10 13 8 11	16 20 30 38 46	20 26 39 50	Kent. Kent. Kent. Kent. Sussex.	
Sevenoke, S. Tunbridge, F. Stonecrouch Newenden Rye, W. S.	10 13 4 6 10 13 8 11	16 20 30 38 46	20 26 39 50	Kent. Kent. Kent. Kent. Sussex.	
Tunbridge, F. Stonecrouch Newenden Rye, W. S. V. The Road from Londo Hith Road.	10 13 4 6 10 13 8 11 8 10	16 20 30 38 46	20 26 39 50 60	Kent. Kent. Kent. Kent. Kent. Kent. Suffex. rd and Hieb.	
Sevenoke, S. Tunbridge, F. Stonecrouch Newenden Rye, W. S. V. The Road from Londo Hieb Road.	10 13 4 6 10 13 8 11 8 10	16 20 30 33 46	20 26 39 50 60	Kent. Kent. Kent. Kent. Kent. Suffex. rd and Hisb.	
Sevenoke, S. Tunbridge, F. Stonecrouch Newenden Rye, W. S. V. The Road from Londo	10 13 4 6 10 13 8 11 8 10	16 20 30 38 46	20 26 39 50 60	Kent. Kent. Kent. Kent. Kent. Kent. Suffex. rd and Hieb.	

Part of Hith	Partic. Totals		als.	County.		
Road.	cm.	mm	cm. mm		County.	
Maidstone, Th.	8	11	27	36	Kent.	
Harefham	6	8	33		Kent!	
Ashford, S. Hith, S.	8	12	41	56	Kent.	
Hith, S.	8	12	48	68	Kent.	

VI. The Road from London to Lewis and Newhaven.

Newbaven Road.					11.7	
Croydon, S. Godftone East-Greensteed, Th. Sheffield-Green Lewis, S.	0 17 8 6 9	11 9 10 8 12	10 17 25 31 40	11 20 30 38 50	Surry. Surry. Suffex. Suffex. Suffex.	
Newhaven	1.5	7	45	57	Suffex.	

VII. The Road from London to Arundel.

Arundel Road.					
Wantlebridge	6	8	6	8	Surry.
Epfom	6	7	12	15	Surry.
Darking, Th.	8	9	20	24	Surry.
Rohook	9	11	29	35	Surry.
Billinghurft	6	6	35	41	Suffex.
Parham	7	8	42	49	Suffex.
Arundel, W. S.	4	6	46	55	Suffex.

VIII. The Road from London to Portsmouth, - to Chichester

Portsmouth Road.	1 40	8 1			kelt sal
Wansworth	5	6	5	6	Surry.
Kingstone, S.	5	6	10	12	Surry.
Cobham	7	8	17	20	Surry.
Guilford, S.	8	10	25	30	Surry.
Godolming	3	4	28	34	Surry.
Lippock	10	12	38	46	Southamp.

Part of Portsmouth	Pa	Partic.		tals.	County.
	cm.	mm	cm.	mm	County.
Petersfield, S. Harnden. Portsmouth, Th. Sat-	7 6 9	8 7	45 51 60	54 6 72	Southamp. Southamp. Southamp.
Chichester Road.			1		
Godalming Chidingfold Midburft, Th. CHICHESTER, W. S.	5 8 9	7 10	28 33 41 50	34 41 51 62	Surry. Suffex. Suffex.

IX. The Road from London to Salisbury, Exeter, Plymouth, and Lands End. to Winchester and Pool. to South-ampton to Weymouth. to Minhead.

Lands-End Road.	1				
New Breneford, Tu.	8	10	8	10	Middl.
Hounflow	1 2	2	10	12	Middl.
Stanes, Fr.	1 5	7	15	19	Middl.
Bagthor.	8 8	10	53	29	Surry.
Hartley Row	8	9	31	38	Southa.
Basing Stoke, W.	8	10	39	48	Southa.
Wbitchurch,	10	11	49	59	Southa.
Andover, S.	6	7	55	66	
Middle-Wallop	6	7	61	73	
SALISBURY, Tu. S.	9	11	70	84	Wilts.
Four mile Pott	7	8	77	92	Wiles.
Shaftsbury, S.	11	12	.88	101	Dorfet.
Sherborne, Th. S.	12	15	100	119	Dorfet.
Evil, or Yeavel, F.	4	5	104	124	Somerset:
Crewkern, S.	6	9	110	133	Somerfet.
Axminster, S.	19	13	119	146	Devon.
Honiton, S.	7	10	126	156	Devon.
EXETER, W.F.	12	16	138	172	Devon.
Chidiy, S.	8	9	146	181	Devon.
Ashburton, S.	17	9	153	190	Deven.
Brent	7 6	7	159	197	Devon.
Woodland	6	7	165	204	Devon:
Plymouth, M. Th.	8	10	173	214	Devon.
Lowe, S.	112	16	185	230	Cornin.

Part of Lands-End.	Pa	rtic.	T	otals.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Tong,	cm	mm	cm.	mm	County.
Foy, S.	7	9	192	239	Cornw.
Trenawry	1 5	6	197	245	Cornw.
Tregoney, S.	8	10	205	255	Corner.
Blow-cold-wind	10	12	215	267	Cornw.
Blewstone	4	5	219		Corne.
Merketjem, Th.	9	13	228	285	Corner.
Pensance, Th.	1 2	3	230	288	Cormo.
Sennan	8	10	238	298	Cornw.
Pool Road.					1 1 1 1 1
Bag(hot	-		23	29	Surry.
Farnham, Th.	9	12	32	41	Surry.
Alton, S.	17	9	39	50	Southampt.
Alresford, Th.	7 8 7 9 6	9	47	59	Southampt.
WINCHESTER, W.S	17	8	54	67	Southampt.
Rumfey, S.	9	11	63	78	Southampt.
Caftlemalwood	6	8	69	86	Southampt.
Ringwood, W.	8	10	77	96.	Southampt.
Inatton	6	8	83	104	Dorfet.
Pool, M. Th.	5	. 6	88	011	Dorfet.
Southampton Road.					
Airesford, Th.	-		47	59	Southampt.
Twiford	7	9	54	68	Southampt.
waland	7 5	6	60	74	Southampt.
outhampton, Tu. F.	3.	3	63	77	Southampt.
Weymouth Road.	1				
Bafing Stoke, W.	1		39	48	Southampt.
Cramborn	9	12	48	60	Southampt.
tockbridge	7	91	55	69	Southampt.
aft Den	7	9	62	78	Southampt.
unkton, F.	1 5	6	67	84	Wiles.
ranborn, W.	5 9	11	76	95	Dorset.
lanford, S.	9	12	85	107	Dorfet.
lilborn		8	91	115	Dorfet.
Dorchefter, S.	6	8	97	123	Dorfet.
eymouth, Tu. F.	7	9	104	132	Dorfet.

I I C A C C A B

Me He Net Her Abi

Minhead Road	Parere.				County.
The state of the s	cm.	732771	i em.	rhm	and the second
Andover, S.	51	-	55	66	Southampe.
Ambrewsbury, F.	10	14	65	80	Wiles.
Shrawton	3	6	70	86	Wiles.
Warminster, Sat.	10	13	80	99	Wilts.
Maiden Bradley	5	7	85	106	Wiles
Bruton, S.	8	9	93	115	Sometfet.
Lidford	7	8	100	123	Somerfee.
Aſcot	7 8	10	108	133	Somerfet.
Bridgewater, Th.	8	10	116	143	Somerfer
Nether Stowley	6	8	122	151	Somerfer.
Watchet, S.	6	8	128	159	Somerfet.
Minhead.	5	7	133		Somerfet.

X. The Road from London to Marlborough and Briftol,—to Glocester and Hereford,—to Wells,—to Bath,—to Monmouth and St. Davids,—to Carmarthen.

Bristel Road.					
New Brentford, Tu.	8	10	8	10	A COUNTY OF THE PARTY OF THE PA
Hounflow	2	.2	10	12	
Colebrook, W.	5	6	15	18	
Maidenbead, W.	7	9	22	27	Berks.
Reading, S.	10	13	32	40	Berks.
Woolhampton	9	10	41	50	Berks.
Newbury, Th.	6	. 6	47	36	
Chilton-Foliot	9.	10	56	66	Wilts.
Marleborough, S.	6	9	62	75	Wiles.
Caln, Tu.	10	13	72	88	Wiles.
Chipenham, S.	5	6	77	94	Wilts.
Marshfield, Tu.	17	9	84	103	Glocester.
BRISTOL, W.S.	10.	12	94	115	Glo. & Somer.
Glocester and Hereford Road.					
Maidenhead, W.	1		22	27	Berks.
Henly, Th.	17	8	29	35	Oxford.
Vettlebed	1 4	5	33	40	Oxford.
lenshington	4	6	39	46	Oxford.
Abington, M. F.	1 7	9	46	55	Berks.

Part of Glocester and	Par	tic.	Tot	als.	
Hereford Road.	cm.	mm.	cm.	mm	County.
Faringdon, Tu.	10	13	56	68	Berks.
Letchlade, Tu.	4	6	60	74	Glocest.
Fairford,	2	3	62	77	Gloceft.
Barnfley	4	6	66	83	Gloceft.
Perrots bridge	3	4	69	87	Glocest.
Burlip Hill.	17	8	76	95	Gloceft.
GLOCESTER, W.S.	5	7	81	102	Gloceft.
Huntley	5	8	86	110	Glocest.
Rols, Th.	6	8	92	118	Heref.
HEREFORD, W.F.S.	10	13	102	131	Heref.
Welis Road.	1				
Marleborough, S.			62	75	Wiles.
Devizes, Th.	10	14	73	89	Wiles.
Troubridge, S.	8	10	80	99	Wiles.
Kilmerfdon	8	10	88	109	Somerfet.
WELLS, W. S.	8	11	96	120	Somerfet.
Bath Road.	1		1		
Chipenham, S.	1		1 77	94	Wiles.
Pickwick	3	5	80	99	Wilts.
Bathford	4	5	84	104	Somerfet.
BATH, W. S.	3	4	87	108	Somerfet.
St. Davids Road.			1.		
GLOCESTER, W.S.	1		181	102	Glocest.
Great-Dean, M.	8	12	89	114	Gloceft.
Coverd	6	8	95	122	Gloceft.
Monmouth, S.	4	5	99	127	Monmouth.
New Church		12	108	139	Monmouth.
Newport. S.	8	12	116	151	Monmouth.
Cardiff, W. S.	10	12	126	163	Glamor.
Combridge, Tu.	io	12	136	175	Glamor.
Newbridge	5	7.	141	182	Glamor.
Aberavon		11	150	193	Glamor.
Swaniey, W. S.	9	9	156	202	Glamor.
Llanely, Tu.	9	11	165	213	Carmar.
Kidwelly, Tu.	16	8	171	221	Carmar.
Liacharn, F.	1.6	8	177	229	Carmar.
Llangiddo	8	10	185	236	Pembrook,

Part of St. David's	Partic.		Totals.		County.
Haverford, W. Th. S. Rock St. Davids.	10	13 8 7	185 201 207	260	Pembrook. Pembrook. Pembrook.
Monmouth, S. Llantilio Cruseny Abergavenny, Tu. Crecowel, Th. Brecknock, W. S. Redbrue Llanimdiffry Abermarlas Rue Raddor Carmarthen, W. S.	7 5 4 8 6 8 5 6 9	8 6 7 13 8 11 6 8	99 1c6 111 115 123 129 137 142 148	135 142 148 161 169 180	Breckn. Breckn. Breckn. Breckn. Carmar. Carmar.

XI. The Road from London to Oxford, Worcester, and Aberist-with, to Buckingham, to Ludlow and Montgomery.

Aberiftwith Road.	7 1	1		,11	Newton Schener Caffee
Acton	6	8	6	Š	Midd!
Uxbridge, Th.	9	10	.15	18	Middle
Beaconsfield, Th.	1.7	8	22	26	Bucks.
High-Wickham, Fr.	5	6	27	32	Bucks.
Stoken-Church	115	6	32	38	Oxford.
Tetfworth	1 5	6	37	44	Oxford.
Whately-bridge	4	5	41	42	Oxford.
OXFORD, W. S.	6	6	47	55	Oxford.
Woodstook , Tu.	6	8	53	63	Oxford.
Enfton	1 5	6	58	69	Oxford.
Morton-in-Marsh	10	13	68	82	Gloceft.
Broadway	1 5	8	73	90	Gloceft.
Pershore, Tu-	7	12	80	102	Worcester.
WORCESTER, W. F. S.	6	10	86	112	Worcester.
Bromyard, M.	10	12	96	124	Hereford.
Lemfter	8	11	104	135	Hereford.
Prestain, S.	8	13	112	148	Radnor.

Part of Aberestwith	Partic.		Totals.		
	cm.	mm	cm.	mm	County:
Ithon-River	8	13	120	161	Radnor.
Raiadergwy	6	9	126	170	Radnar.
brunant	2	14	135	184	Cardig.
Aberistwith, M.	11	15	146	1189	
Buckingham Road.					. Aurona 1
Uxbridge, Th.	5	-		18	Middl.
Emerfram, Tu.	10	TI	15	29	Bucks.
Emerfram, Ta. 811 711	8	0150	30	38	Duche
Alesbury, Sat.	4	3	34	43	Bucks.
East-Claydon	6,	10	40	53	Bucks
Buckingham, Sat.	4	7	44	60	Bucks.
Montgomery & Sad. 84	3				white in
WORCESTER, W.F. S.	12	8	86	112	Worceft.
d, Weregier, and amasos	00	12	95	124	Warcest.
Tenlung Ta.ben moles 1 of-	6.		101	131	Worceft.
Ludion M.	40		106	139	Salop.
Newton	5	7 1	111	146	Salop.
Bishops-Castle, Fr.	5		116	152	Salop
Montgomery, The	6	711	122	159	Montgo.

XII. The Road from London to Coventry, Litabfield, Cheffer, Denhigh, and Floly-head, to Baldock, St. Neats, and Oakham, to Bestord, VVelling-borough, and Oakham, to Northampton, Lescefter, and Darby, to Shrewsbury, to Lancaster, Kendal and Carlisk.

Holy bead Road.		. 3		4 3	OZEORD.
Highgate	114	5	4	5	Middl.
Barnet, M.	6	7	10	12	Hartf.
St. Albans, S.	10.	10	120	22	Hart f.
Dunstable, W.	10.	12	-30	734	Bedford
Little Brickhil	7	IQ.	37	44	Bucks.
Scony-Screeford, F.	7.	9	44	53	Bucks.
Tomcester, Tu.	. 6	8	50	61	Northampt.
Daventry, W.	19	12	60	73	Northampt.

Part of Holy-bead Road.	Partie.		Tota		
	cm.	ומנמו	cm.	mm	County.
Dunchurch	6	. 8	66	81	Warwick.
COUPATERVE	8	31	74	92	Warwick.
	8	11	82	103	Warwick.
Coleshil, W.	4	5	86	108.	Warwick.
Wishaw Green	8	10	94	113	Stafford.
LITCHFIELD, Tu. F.	0	8	99	126	Stafford.
Rugely, Tu.	5		104	133	Stafford.
Brine-pits	5	7	110	140	Stafford.
Stone, Tu.		7			Stafford.
Pipe yate	9	12	119	152	Chefter.
Nampewich, S.	7	10	126		Chafter.
Torperly	7	9	133	171	Chefter.
CHESTER, W.S.	7	11	140	182	Chester.
Harding 2	5	7	145	189	Fline.
Northop	3	0 5	148	194	Flint.
Smelmils	6	7	154	201	Denbi.
Denbigh, W.	6		160	209	Denbi.
Bettus	7	11	167	220	Denbi.
Aberconway, F.	7	9	174	229	Carnar.
Penmenmaur	1. 6	6	179	235	Carnar.
Beaumaris, W. S.	5	6	184	241	Angles.
)	.10	193	251	Angles.
Llangaveny Budhand bridge	9	7	199	258	Angles.
Rudband-bridge			208	269	Angles.
Holy-head.	9	11	1	1	
Oakham Road.	1				
Barnet, M.	1		10	12	Hartford.
Harfield, The	7	8	17	20	Hartford.
Centamana Fr	8	11	25	31	Hartford.
Stevenage, Fr. 211	4	6	29	37	Hartford.
Baldock, The and soil	1 5	8	34	45	Bedford.
Biggleswade, W.	8	11	42	56	Hunting.
St. Neots, Th.	7	10	1	66	
Great Catworth de la la	1 -	8	49	4 1 1 1	Northampt.
Lidford	5	8	54	74	Northamps.
Dean	6		60	82	Northampt.
Oakham, S.	8	13	63	95	Rutland.
Bedford Road,					
St. Albans, S.	1.		20	22	Hartford.
Luton, M.	8	10	28	32	Bedford.

Part of Bedford Road. Barton-Clay Bedford, Tu, S. Chellington Wellingborow, W. Kettering, F. Rockingham Uppingham, W. Oakbam, S.	Partic.		Totals.		
	cm.	mm	cm.	mm	County.
	5 7 6 6 5 8 4 5	8 10 9 9 7 10 5	33 40 46 52 57 65 69 74	40 50 59 68 73 85 90	Bedford, Bedford. Bedford. Northampt. Northampt. Northampt. Rutland. Rutland.
Derby Road.					7
Streetford, F. Kings Grafton Northampton, S. Brixworth Harborough, Tu. Great Glen LEICESTER, S. Mountforrel, M. Loughborough, Th. Kegworth Derby, F.	4665775553488	5 9 7 10 9 6 5 3 5	44 48 54 59 66 73 78 83 86 90 98	53 58 67 54 84 93 99 104 107 112	Bucks. Northampt. Northampt. Northampt. Leicest. Leicest. Leicest. Leicest. Leicest. Leicest. Leicest. Leicest. Leicest.
Shrewsbury Road.				.tres	ino pro
COVENTRY, F. Meriden Bermingham, Th- Dudley Rourd Oak Bridgnorth, S. Wentock, M. Shrewsbury, W. Th. S.	4 10 8 6 6 6 6	6 11 10 8 8 8 8 13	74 78 88 96 102 108 114	92 98 109 119 127 135 143 156	Warnick. Warnick. Warnick. Worceft. Stafford. Salop. Salop. Salop.
Carlifle Road.					
Stone, Tu. Newcaftle, M. Brereton Green Laltock	6 8 5	8 8	110 116 124 129	149 148 161 169	Stafford. Stafford. Chester. Chester.

Part of Carlifle Road.	Partic-	To.	als.	County.
	cm. mm	cm.	mm	
Warrington, W.	7 11	136	180	Lancaster.
Newton	5 5	141	185	Lancaster.
Wiggan, M. F.	1 7 8	148	193	Lancaster.
Renchmore	1 7 9	155	202	Lancaster.
Preston, W. F. S.	7 7	162	209	Lancaster.
Baxton	1. 5 6	167	215	Lancaster.
Garstang, Th.	5 5	172	220	Lancafter.
Elhil	5 5	177	225	Lancafter.
Lancaster, S.	1.5 5	182	230	Lancafter.
Burton, Tu.	9 12	191	242	Westm.
Kendal, S.	109.8 120	200	254	Westm.
Haufe-Houle	1600	206	263	Westm.
Thurnby-	7 10	213	273	Westm.
Penrith, Tu.	5 7	218	28a	Cumberland.
Hesket	7 9	225	289	Cumberland.
CARLISLE, S.	17 9	232	298	Cumberland.

The Table of ROADS described.

The first Column contains the Names of Places, wherein Cities are in Capital Letters, as in Berwick Road, YORK, Ger and Market-Towns in Italic, as Hoddesdon, &c. The Letters after them shew the Days their Markets are kept on. The second Column shews the Distance of one place from another; and the third the Distance of each from London, in computed and measured Miles; cm. stands for computed, and mm. for measured Miles. The last shews the County each Town and City lies in; a thing of great Use in directing of Post-Letters and Parcels.

A Catalogue of the Markets, and the Days they are kept on in the several Counties and Shires in England and Wales.

In Middlefex.

A T Brainford, T. London, M. W. F. S. Uxbridge, Th. Stanes, F. Edgware, Th. Westminster, M. W. F. S. Enfield, S. Hartfordshire.

Barkhamstead, M. Barner, M. Buntingford, M. Ware, T. Hitching, T. Watford, T. Rickmansworth, S. St. Albans, S. Herstord,

Hertford, S. Sablworth, W. Hempstead, Th. Hatfield, Th. Bishops-Stafford, Th. Stevenedge, S. Tring, S. Stondon, S. Hodsdon, Th. Boldock, Th.

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Reading, S. Abbington, M. and Fr. Wanting, S. Wallingford, T. and Fr. New-windfor, S. Faringdon, T. Newbury, Th. Ockingham, T. Eaff-Elledg, W. Maidenhead, W. Hungerford, W.

Bedfordfbire.

Tuddington, S. Bedford, T. and S. Patton, S. Luton, M. Shefford, F. Leighton, T. Bigleworth, T. Dunstable, W. Ampthil, Th. Wobourn, F.

Buckinghamshire.

Risborough, S. Great Marlow, S. Oulney, M. Amertham, T. Colebrook, W. Cheftans, W. Newport, S. Alesbury, S. Winflow, Th. Wendover, Th. Beconstield, Th. Stonistratford, F. Buckingham, S. Jungo, F. High Wickham, F.

Cambridgeshire.

Ely, S. New-Market, T. Royfton, W. Caxton, T. Linton, The March, F. Wisbich, S. Cambridge, S.

The first come and interest to the first of the first of

Jen Strutton, T. Penzance, Th. St. Columb, Th. Falmouth, Th. Market Jend Th. St. Germains, F. Carrelford, F. Foy, S. Liftithiel, F. Grampond, S. Padstow, St. Tregonye, S. Helflone, S. Launston, S. Botlman, S. Liskartt, S. Tring, W. and S. St. Jees, W. and F. Penrin, W. F. and S. Balt Looe.—Saltash,

derrall borgen I not i Chafbire. a sill seit

Altrincham, F. Maxfield, M. Frodsham, W. Malpas, M. Northwich, F. Sambich, Th. Stopford, F. Nantwich, S. Middlewich, S. Congleto, S. Hurssford, S. Westchester, W. and S. Tarvin.

Clombertand.

Brampton, T. Cockermouth, M. Wigton, T. Alleyholm, S. Kefwick, S. Perith, T. Bootle, W. Whit-Haven, Th. Ravenglass, S. Egremont, S. Longworth, Th. Aston Moor, S. Carlisle, S. Ireby, Th. Kirswald, Th. Longtown, Th.

Bakwell, M. Alfreton, M. Wirksworth, T. Ashborn, S. Tideswal, W. Dronfield, Th. Derby, F. Chelterfield, S. Bolsover, F. Drawfield—
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Devonshire.

Triverton, T. Bedford, T. Ottery, T. Exeter, W. and F. Axminster, S. Plimpton, S. Honton, S. Crediton, S. Columpton, S. Southmoston, S. Great Torrington, S. Holsworth, S. Tevestock, S. Monton, S. Oke-hampton, S. Chidley, S. Athburton, S. Plymouth, S. Totness, S. Kingsbridge, S. Barnstable, F. Dartmouth, F. Colliton, Th. Hatburly, F. Chumley Bow, Th. Dodbrook, W. Newton Abbey, W. Medbury, Th.

Bishoprick of Durham.

Durham, S. Darlington, M. Bernard-Caftle, W. Sunderland, F. Bifhops-Aukland, Th. Stainthorp,

Dorfetsbire.

Com-Abbas, W. Cranborn, W. Crofts Gastle, Th. Abbotsbury, The Struminster, Th. Dorchester, W. Frampton, Th. Wemborn-Minster, P. Shaftsbury, W. Worham, W. Blanford, W. Pool, M. and Th. Weymouth, T. and F. Melcom-Regis, T. and F. Sherbourn, Th. and S.

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Epping, F. Cheping-Onger, S. Harwich, T. Maintree, T. Waldiam-Abby, T. Billerikey, T. Braintree, W. Brentwood, Th. Rumford, W. Hauliteed, F. Colchester, S. Ghelmsford, F. Thackstead, F. Cogshal, S. Maldon, S. Walden, S. Hatfield, S. Dunmore, S. Raleigh, S. Bargin, S. Horden, S.

Glacester Shire.

Wickware, M. Deaning, M. Minchinhampton, T. Philwick, T. Horon, T. Letchad, T. Marshfield, T. Blackley, W. Campden, W. Tedbury, W. Cheltenham, Th. Dursley, Th. Stone on the Woold, Th. Chiping-Sudbury, Th. Newman, F. Tukesbury, W. and S. Stroud, F. Wotton Underedge, F. Leonards Standley, S. Winchcomb, S. Thornbury, S. Cirencetter, M. and F. Gloccher, S.

Hant foire.

Balingstoke, W. Kingschere, T. Alceston, Th. Ringwood, W. Newport in Wight Isle, W. and S. Portsmonth, Th. S. Winchester, W. S. Southampton, T. and F.

Kent.

Dover, W. and S. Sandwich, W. and S. Eltham, M. Wortham, T. St. Mary Cray, W. Lenham, T. Wye, Th. Weitrani, W. Lydd, Th. Rumney, Th. Bromly, Th. Foxton, Tr. Maiditone, Th. Rochelter, F. Finbridge, F. Smarden, F. Tenderden, F. Woolwich, F. Malinge, S. Mikon, S. Crainbrook, S. Hyth, S. Sevenoke, S. Dartford, S. Gravefend, W. and S. Feversham, W. and S.

Hereford-

Herefordsbire.

Hereford, W. F. S. Bramyard, M. Lidbury, T. Pembridge, T. Kyneton, W. Webley, Th. Rofe, Th. Lemiter, F.

Huntingtonfhire. 1 ,slet

Toxley, T. St. Ives, M. St. Neots, Th. Ramsey, W. Huntingdon, S. Kimbolton, F.

Lancasbire.

Blackborn, M. Boulton, M. Cartmill, M. Poulton, M. Hawshead, M. Hornby, M. Rochdale, T. Ormkirk, T. Charley, T. Prescot, T. Holsington, W. Coln, W. Warington, W. Bury, Th. Gasting, Th. Ulveritone, Th. Lancaster, S. Clithero, S. Manchetter, S. Darlton, S. Liverpool, S. Preston, W. F. S. Wiggan, M. and F.

Leicesterfbire.

Ashby de la Zouch, S. Hinckley, M. Leicester, S. Mountsorrel, M. Melton Monbray, T. Harborough, T. Bosworth, W. Loughborough, T. Hallaton, Th. Waltham-would, Th. Lutterworth, Th. Billesden, F.

Lincolnsbire.

Gainsbury, T. Sleaford, M. Barton, M. Caftor Spilsby, M. Market-Stanton, M. Market Rason, T. Bulkingbrook, T. Spalding, T. Alford, T. Great Grimsby, W. Glamford, Th. Binbrook, W. Burgh, Th. Market deeping, Th. Holbich, Th., Foltlinham, Th., Wragby, Th. Naverby, Th. Tattershal, F. Limpoln, F. Kirton, S. Thoncaster, S. Waynseet, S. Bourn, S. Horncattle, S. Grantham, S. Dennington, S. Stamford, M. and F. Lowthe, W. and S. Boston, W. and S.

Norfolk.

Norwich, W. F. S. Eaftharling, T. Foulsham, T. Coston, T. Harl-stone, W. Attlebury, Tb. Watton, W. Fakingham, Tb. Northwalfnal, Tb. Dis, F. Wymondham, F. East-Dereham, F. Snetsham, F. Walfingham, F. Yarmouth, S. Hingham, S. Thetford, S. Swafeham, S. New-Backingham, S. Downham, S. Holt, S. Burnham Mar, S. Cromar, S. Repham, S. Alesham, S. Worsled, S. Sechby, every second Monday.

Northamptonshire.

Tharpston, T. Towcester, T. Rothwell, M. Kingscliff, T. Welling-borough, W. Daventry, W. Brackley, W. Kettering, F. Peterborough, S. Northampton, S. Oundle, S.

Oxfor!

Oxfordshire.

Tame, T. Woodstock, Bampton, W. Chipingnorton, W. Witney, Th. Henley, Th. Banbury, Th. Burford, S. Burehester, F. Deddington, S. Watlington, S. Oxford, W. and S.

Northumberland.

Newcastle, T. and S. Hexham, T. Weller, Th. Morpeth, W. Alerwick, S. Barwick, S.

Rutlandshire.

Upingham, W. Okenham, S.

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Shropfhire,

Ofwelfree, M. Great Wenlock, M. Ludlow, M. Elfimeere, T. Shipton, T. Braiton, W. Stretton, Th. Wem, Th. Bishops Caitle, F. Wedington, Th. Whitchurch, F. Bridgnorth, S. Shrewsbury, W. Th. S. Newport, S.

Somersetsbire.

Chard, M. Somerton, M. Glaffenbury, M. Wivescom, T. Pensford, T. Writon, T. North petherton, T. Wincaunton, W. Ilchester, W. Axebridge, Th. Frowmselwood, W. St. Petherton, Th. Wellington, Th. Bridgwater, Th. Canisham, Th. Shipton Mallet, F. Dunstar Winton, S. Langport, S. Yeovil, F. Crookhorn, S. Ilminster, S. Vetchers, S. Dalverton, S. Taunton, W. and S. N. Cinry, T. and S. Bristol, W. and S. Bath, W. and S. Wells, W. and S.

Staffordshire.

Stow, T. Newcaftle-under line, M. Pagets Browledg, T. Betles, T. Tutbury, T. Walfal, T. Ridgley, T. Pancridg, T. Brewood, T. Leeke, W. Wolverhampton, W. Utoxeter, W. Chichly, Th. Litchfield, T. F. Stafford, S. Burton on Trent, Th. Ecclefhall, F.

Suffolk.

Woobridge, W. Needham, W. Bidlefton, W. Haverill, W. Orford, M. Hadleigh, M. Mendlefham, T. Halefworth, T. Lettofh, W. Bury, W. Stow-market, Th. Tanfdale, Th. Saxmundham, Th. Sowly, Th. Bungay, Th. Ikefworth, F. New-market, Th. Maldenhall, F. Clare, F. Neyland, F. Debenham, F. Sudbury, S. Aye, S. Framglingham, S. Aldborough, S. Dunwich, S. Ipfwich, W. F. S. Beckles, S.

Suffex.

Sattel, Th. East-Grinstead, Th. Brighthelmiston, Th. Petworth, W. Stevington, W. Midhurst, Th. Steneing, W. Hastings, W. and S. Coxfield, F. Horsham, S. Lewes, S. Chichester, S. Arundel, W. and S. Rye, W. and S.

Suriy.

Surry. 0

Southwark, M. W. F.S. Rygate, T. Darking, The Farnham, Th. Croydon, S. Kingstone, S. Guilford, S.

Warwick Shire.

Tamworth, S. Henly, M. Southam, M. Sutton Cofield, M. Aulcefter, T. Symeton, T. Atherstone, T. Stratford, Th. Colshil, W. Bromicham, Th. Coventry, F. Warwick, S. Shipton, S. Nun Eaten, S. Rugby, S.

Westmoreland.

Amblefide, W. Burton, T. Burgh, W. Orton, W. Kerby-laundale, Th. Kerby-Stephen, F. Kendale, S. Appleby, S. Fardondike.—

Wiltsbire

Sundon, M. Bradford, M. Swyndon, M. Calne, T. Ashburn, T. Lavington, W. Wilton, W. Highworth, Hindon, Th. Devises, Th. Wooton-Basset, Th. Dunston, F. Mersbury, F. Westbury, F. Warminster, S. Troubridge, S. Chipnam, S. Malmsbury, Marleborough, S. Salisbury, T. and S. Creeklad, S.

Worcestershire.

Worcester, W. F. S. Sturbridge, F. Bewdley, S. Evesholm, M. Parshore, T. Broomsgrove, T. Droitwich, F. Shipton, F. Kidderminster, Tk. Upton, T. Tenbury, T.

Yorkshire East-Ridings.

Hedon, S. Wigton, W. Kilham, Tb. Bridlington, S. Pocklington, S. Howder, S. Hull, T. and S. Beverly, W. and S.

West-Ridings.

Selby, M. Rotheram, M. Otley, T. Settle, T. Sheffield, T. Barnsby, W. Knaresborough, W. Bradforth, Th. Halifax, Th. Whetherly-Th. Wakefield, Th. F. Leeds, T. and S. Skipton, S. Borough Brigs, S. Pontefract, S. Tedcaster, Th. Rippon, Th. Snathe, F. Ripley, F. Tickley, S. Bantrey, S. Doncaster, S. Sherborn, S.

North-Ridings.

Gisborough, M. Pickering, M. Thrusk, M. Beda, T. Matham, T. Kerby-morefide, W. North-Alerton, W. Abberforth, W. Scarborough, Th. Malton, S. Yarum, Th. Helmly, S. York, Th. and S. Whitey, S. Stokeley, S. Richmond, S.

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Market Towns and their Days in Wales.

Brecknock Shire.

Recknock, W. S. Hay, M. Coecowell, Th. Bleath, M. and S.

Anglesey.

Newbury, T. Bewmaris, W.

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Cardiganshire.

Abery Rhway, M. Llanbedar, T. Cardigan, S. Tregeron, Th.

Carnarvanskire.

Kreekych, W. Bangor, W. Newen, S. Carnarven, S. Palbely, W. Abberconway, F.

Caremardenshire.

Llanefly, T. Kidwelly, T. Llandilmawre, T. Newcastle, F. Llangdock, Tb. Caremarden, W. and S. Lantharne, F. Llanynodissy, W. and S.

Denbizhshire.

Wrexham, M. Th. Ruthen, M. Llanrost, T. Denbigh, W.

Flint Shire.

St. Alaph, S. Holy-well, S. Caiervise, T.

Glamorganshire.

Carephilly, Th. Cowbridge, T. Powrife, Th. Bridgends, S. Llintriffent, F. Neath, S. Cardriff, W. S. Swanfy, W. Glamorgan, S.

Radnorshire.

New-Radnor, Th. Knighton, Th. Prettain, S.

Merioneth (bire.

Halech, S. Belgele, T. Bala, S.

Monmouth Shire.

Carelyon, Th. Monmouth, S. Abergavenny, S. Port-Pool, S. Usk. M. and F. Newport, S.

Montgomeryshire.

Machinelth, M. Welshpool, M. Newtown, T. Montgomery, Tl. Llanvilling, Th. Llanidloes.

Pembrook Shire.

Rillgarven, W. Teuby, W. S. Nowbeth, W. Fishguard, F. Pembrook, S. Newport, S. Wiston, S. Haverford, T. and S.

Note, In this case, that M. stands for Monday, T. Tuesday, W. Wedresday, Tb. Thursday, F. Friday; and S. Saturday; and according as they are thus marked, the Markets are held.

A TABLE for finding out the day of the Month for ever, of daily use for TRADERS.

	_				'
Sunday	1	8	15	22	29
Mundays	2	9			
Tuesdays	3	10	17	24	31
Wednesdays	4	11	18	25	
Thursdays	5	12	19	26	1
Fridays	6	13	20	27	
Saturdays	7	14	21	28	
Munday	1	18	15	22	29
Tuesdays	2	-	-	-	30
Wednesdays	3	10	17	24	31
Thursdays	4	11	18	25	-
Fridays	5	12	19	26	
Saturdays	6	13	20	27	
Sundays	7	14	21	28	1
Tuefdays	11	18	15	22	29
Wednesdays	2	-	-	_	30
Thur days	3	-	17	-	_
Fridays	4		18		
Saturdays	5	12	19	26	-
Sundays	6	13	2	27	-
Mundays	7	14	21	28	-

	-	-	-	_	_
Wednesday	1.	18	15	22	129
Thursdays	2	9	16	23	30
Fridays	3	10	17	24	31
Saturdays	4	11	18	25	
Sundays	5	12	19	26	
Mundays	6	13	20	27	
Tuesdays	7	14	21	28	15.00
Thurfday	11	18	15	22	29
Fridays	2	-	-	23	_
Saturdays	3	-	-	24	-
Sundays	4	-	18	-	31
Mundays	-	12	-	-	-
	5	-	_	-	-
Tuesdays	_	-		27	-
Wednesdays	7	14	21	28	=
Friday	1	18	15	22	29
Saturdays	2	9	16	23	30
Sundays	3	10	17	24	31
Mundays	4	11	18	25	
Tuesdays	5	12	19	26	
Wednesdays	6	13	20	27	
Thursdays	7	14	21	28	-
Saturday	1	8	15	22:	20
Sundays	-		-	23	-
Mundays	3		-	24	
Tuesdays	4	11	-	-	-
Wednesdays	-	12	-	-	-
Thursdays	6	13	-		-
Fridays	-	14		-	-
	,	- 7.		1	

KInd Reader, this Table readily shews the day of the Month for ever. Example, The first of February 1683, is on a Thursday; and I would know what day of the Month the third Wednesday in that Month is ? I see the Square in this Table that begins with Thursday, and in that Square look tor Wednesday, and against it I find 7, 14, 21, 28, vehich are all the Wednesday in that Month, the third answering the Question being the 21st. day of the Month. And so for any Day of any Month of any Year. The Figure each Month sheet the number of Days, but in Leap-years Feb. has 29 Days.

ATIDE.TABLE.

By the Moon's Age, to find the time of High-Water at the Places following.

The Moon's Age.	LONDON, Tinmouth, Whitebay,	Berwick, Bridling ton-Bay,	Scarbrow 4ter Tide, Severn.	Newçastle. Falmouth. Dartmouth
Days.	H. M.	Н. М.	H. M.	Н. М.
1 16	3 48	4 33	5 18	6 3
2 17	4 36	5 21	6 6	6 51
3 18	5 24	6 9	6 54	7 39
4 19	6 12	6 57	7 42	8 27
5 20	7 .0	7 45	8 30	9 15
6 21	7 48	8 33	9 18	10 3
7 22	8 36	9 21	10 6	10 51
7 22 8 23	9 24	10 9	10 54	11 39
9 24	10 12	10 57	11 42	12 27
10 25	11 0	11 . 45	12 30	1 15
11 26	11 48	12 33	1 18	2 3
12 27	12 36	1 21	2 6	2 51
13 28	I 24	2 9	2 54	3 39
14 . 29	2. 12	2 57	3 42	4 27
15 30	3 0	3 45	4 30	5 15

The Moon's Age.	Queenbor Southamp Portsmoth	. West end	Gravsend, Downs, Blacness.	St. Andre, Bell Isle.
Days	H. M.	H. M.	H. M.	H. M
1 16	12 48	1 33	2 18	3 3
2 17	1 36	2 21	3 6	3 51
3 18	2 24	3 9	3 54	4 39
4 19	3 12	3 57	4 42	5 27
5 20	4 0	4 45	5 30	6 15
6 21	4 48	5 33	6 18	7 3
7 22	5 36	6. 21	7 6	7 51
8 23	6 24	7 9	7 54	8 39
9 24	7 12	7 57	8 42	9 27
10 25	8 0	8 45	9 30	10 15
11 26	8 48	9 33	10 18	11 3
12 27	9 36	10 21	11 6	11 51
13 28	10 24	11 9	11 54	12 39
14 29	11 12	11 57	12 42	1 27
15 30	12 0	21 45	1 30	2 15

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The Use of the foregoing Table.

I N the Table of the Changes of the Moon (by which her Age must be found, thereby to find the time of High-water) you must take notice, That therein the Day is divided into 28 hours, the first being to be reckoned from Noon.

Example.

What is the Moon's Age the 20th of May 1694?

I feek in the Table that has 1694 at the top of the first Column. and against May, and under New D I find 13, 12, 41, the first of which Numbers is the Day of the Month, and the two last the Hour and Minute of that Day wherein the Moon Changes; now 12 Hours 41 Minutes of the 13th day is (according to the Vulgar reckoning) 41 Minutes after 12 of the Clock in the Morning the 14 Day, (or near 1) from whence I conclude, that the New-Moon being on the 14th day, on the 20th day the must be 6 days old. And if I would know the time of High-water at London (or any other Place in the Table for High water mentioned) it is but entring the Table with the Moon's Age, and having found it in the first Column, under the Title Moon's Age, against it in the Column under London (or of any other place you would know the time of High-water) you have your defire; as on the 20th of May 1694, the Moon being 6 days old, I find against 6 (in the first Column) and under London (in the second) 7 48, which shews that on the 20th of May aforefaid it will be High-water at 48 Minutes after 7 of the Clock. Note, That great Winds or Rains may haften or keep back the Tides.

A new Sun-Dial.

POR the ready finding of the hour of the Day by this Dial, you must provide a streight Staff or Ruler, which must first be divided into Ten equal parts, and then each of those into ten other smaller parts, so will the whole Staff or Ruler be divided into 100 equal parts, which may be numbred by 10, 20, 30, 66. to 100: And so it is fitted for use.

Now when you would find the hour, you must erect your Staffor Ruler perpendicular, that is, fet it upright upon some plain level ground, floor, or table, and note the Place where the end of the Shadow did fall, and with your Staff measure the length of the Shadow in Staves lengths, and hundred parts of the length, according as its numbred.

Example,

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Example, Suppose that upon the 16 day of January I do erect my Staff perpendicular, and measuring the length of the shadow thereof. I find it to be exactly 3 times its length; wherefore, finding the 16 day at the top of the Month of January, I find 3, o to stand against the 16 day, and at the top find XII. which tells me it is then just 12 a Clock. - Example 2. Suppose that upon the 6 of May I erect my Staff as before, and measuring the shadow thereof, I find it to be twice the length of the Staff, and 24 parts more; wherefore, I look at the top of the Dial in May, for the 6 day, and casting mine Eye along that Line, towards the right hand, I find 2, 24, to stand in that Column, at the top of which is VII, V, which tells me it is either 7 of the Clock in the Morning, or 5 in the Afternoon. - Example 3. Upon the 16 of April, I find the length of the shadow to be once the Staffs length and 30 parts more; I look in April for the 16 day in the Sun Dial, and in the line against it for 1, 30, and against it in the fifth Column I find 1, 33 (which is the nearest number nearest to 1, 30, in the Table) over which there stands IX and III, which shews that it is almost 9 in the Morning, or a little after 3 in the Afternoon.-Example 4. Upon the 26 of June I find the length of the shadow of the Staff to be once the whole length, and 20 parts; if Llook for this number 1, 20, in the Sun Dial against the 26 of June, I can find no fuch number, but the nearest to it less in that Line is 1, 01, over which stands IX III, and the nearest number to it, greater, is 1, 38, over which stands VIII, IV; so that you may conclude the hour to be between 8 and 9 in the Morning, or between 3 and 4 in the Afternoon: A little practice will make all this plain: For Usus optimus Magister.

Two Rising and Setting of the Sun; With the length of the Days and Nights in January.

On these Days 15 21 37	bo. m.	ho. m.	ho. m.	ho. om.	deg.	m.
On (3	8 4 10	3 7 50	7 240	16 820	24 V3	13
these 9	8 2 2	3 2 58	7256	16.9 4	0 2	20
Days < 15	7 = 52	4 = 8	8.216	15年44	6	26.
viz / 21	7 3 41	4319	8 238	15 28	12	33
37	7 30	4 30	9 0	15 0	18	33

The Rifing and Setting of the Sun; With the length of the Days and Nights in February.

On these Days	Days \[\begin{array}{c} 2 & 8 \\ 14 & 20 \\ 26 & 26 \end{array} \]	ho. m. 7 kg 17 7 kg 17 7 kg 17 7 kg 17 6 kg 17	ho. m. 4 # 43 4 # 55 5 un 21 5 34	ha. m. 9 8626 9 9 50 10 216 10 41 11 8	14 5 34 14 5 10 13 444 13 8 19 12 N 52	deg. 22 ## 6 12 20	m. 42 45 47 48
			G	g g 2			The

The Rising and Setting of the Sun; With the length of the Days and Nighes in March.

	Days	ho. m.	ho. m.	be. m.	ho. nom.	deg.	m.
On	1 4	6 4 13	5 H47	041 8024	12 5 26	22 X	46
thele	110	600	6 5 0	12.270	12 9 0	0 Y	43
Days	116	5 -47	6 - 13	12 2 26	11 ± 34 11 50 8 10 × 42	6	39
217.	/22	5 334	6 5 26	12 52	11.50 8	12	34
	28	5 21	6 39	13 18	10-42	18	27

The Rising and Setting of the Sun; With the length of the Days and Nights in April.

	Days	ho. m. 5 to 3 4 ms 4 ms 4 ms 4 ms 4 ms	ho. m.	ho. m.	ho. cm.	deg.	m.
On	1.3	5 7 3	6 7 57	13 254	1186	24 Y	19
thefe	19	4255	7,8 5	14.010	9.250	29	11
Days	<15	4 - 43	7 = 17	14.234	9 226	5 0	59
viz.	/22	4 5 30	7 5 30	15 6 0	8.500	12	46
	28	1 4 19	7 41	15-19	8438	18	33

The Rifing and Setting of the Sun; With the length of the Days and Nights in May.

D.	ys ho.	m. tho. m.	1 ho. m.	ho. nom.	deg.	m.
On /	4 4 7	m. ho. m 8 7 5 52 58 8 2 2 50 8 2 10 43 8 2 17 37 8 23	15 644	8816	24 0	19
thefe \	10 30	58 8 8 2	162 4	7.256	OI	4
Days <	17 3 5	50 8 = 10	116.220	7 世49	6	46
217.	23 35	43 8 8 17	16 34	7.0026	12	30
	29 1 3	37 1 8 23	116 7 46	1:7414	118	13

The Rising and Setting of the Sun; With the length of the Days and Nights in June.

	Days	ho. m.	ho. m.	ho. m.	1 ho. pom.	deg. m.
Oa	(5	3 8 34	8 = 26	16 252	7 6 8	deg. m. 24 II 53 0 5 36
these	711	3 5 33	8 2 27	16 954	7.2 6	0 95 36
Days	517	1 3 = 34	8 = 26	16 - 52	7 = 8	6 18
viz.	(23	3 5 35	8 3 24	16 5 48	7:512	12 0
	30	3 43	8 17	16 34	7 25	6 18 12 0 18 40

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The Rifing and Setting of the Sun; With the length of the Days and Nights in July.

Days	lho. m.	1 ho. m.	ho. m.	I ho. mm.	deg.	m.
Days On 6 those 12 Days 19 25 31	3 # 50	8 410	16 820	7 540	24 95	23
those \12	3 2 58	8 2 2	164 4	7.= 56	0 8	06
Days <19	4 5 8	7 = 52	15 344	8 = 16	6	47
017. /25	4.319	7.341	15 5 22	8.0038	12	31
(31	4 30	7 30	15 0	920	18	16

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The

The Rising and Setting of the Sun; With the length of the Days and Nights in August.

	Days	ho. m.	ho. m.	ho. in.	ho. som. 9 0 26 9 3 50 10 11 16 10 13 42	deg.	m.
On	r 6	4 7 43	7 4 17	14 5 34	9 8 26	24 8	2
thefe	/13	4 2 55	7.8 5	14 55	9.950	29	49
Days	<19	5 8	6 5 52	13 244	10 16	6 m	39
viz.	/25	5 3 21	6339	13 2 18	10:542	12	24
	1.31	5 34	6 26	13 52	11 - 8	18	14

The Rising and Setting of the Sun; With the length of the Days and Nights in September.

Days On	ho. m.	ho. m.	ho. m.	ho nom.	deg.	m.
On 66	5 47	6 413	12 626	11 534	24 7	6
these 12	600	6.50	12 0	12.2 0	29	57
Days <18	6 - 13	5 = 47	11 =34	12 = 8	5 =	52
viz. /25	6 5 26	5340	11 0 18	12.0016	12	47
30	6 39	5 21	10 42	13 - 24	17	45

The Rising and Setting of the Sun; With the length of the Days and Nights in October.

	Days	ho. m.	ho. m.	ho. m.	ho. om.	deg.	m.
On	17	6 7 52	5 # 8	10 0016	ho. mm. 13 5 44 14 2 10	24 =	42
thefe	113	7 9 5	4,855	9250	14.910	out	40
Days	1 19	7 - 17	4 = 43	9 = 26	14 H34 15 80 0 15 N 22	6	43
viz.	/25	7330	4330	980	15.000	12	45
	31	7 41	4 19	8 38	15 4 22	18	47

The Rifing and Setting of the Sun; With the length of the Days and Nights in November.

On these Days	Days 6 11 17 23 29	ho. m. 7 to 52 8 spin 10 8 m. 17 solu 10 8 m. 17	ho. m. 4 # 8 3 \$358 3 un 43 3 37	ho. m. 8 16 7 16 70 56 7 26 70 26	ho. som. 15 10 44 16 10 4 16 10 34 16 10 34	deg. 24 m 29 6	m. 51 55 1
	129	1 8 23	1 3 37	7 14	110-40	119	14

The Rising and Setting of the Sun; With the length of the Days and Nights in December.

	Days	ho. m.	ho. m.	ho. m.	ho. nom.	deg.	m.
On	15	8 4 26	3 7 34	7 8 8	16 8 52	24 2	21
thefe	111	8 227	3 8 33	796	16 - 54	0 V3	29
Days	<17	8 = 26	3 = 34	7 8	16 = 52	16	37
viz.	/23	8 3 23	3 537	7 514	16 046	12	44
	28	8 17	ho. m. 3 4 34 3 5 33 3 8 34 3 8 37 3 43	7 26	16234	117	54

Brief Directions for all Country-men, &c. for Husbandry and Gardening, to be observed in every Month of the Year.

In JANUARY.

TRench Ground, prepare Soii, dig Borders, uncover Roots of Trees, plant Quick-fets—Transplant Fruit-Trees, Set and prune Vines and Fruit-Trees, Nail Wall-fruit, gather Cyons, cleanse Trees of Moss in moist weather.—Set Beans and Pease, and sow for early Collissowers.—If you will, Raise in the hot Bed; Sow Chervile, Lettice, Raddish, and other Salatting.—Set Traps for Vermine in Nurseries, plant Kernels and Stones, and Anemony Roots, preserving them with Ranuculus's sown in September or October: Also Carnations, and such Seeds as are in danger to be washed out, or over chill'd with Rain, Frost or Snow.

In FEBRUARY.

You may yet plant Fruit-Trees, Vines Hops and Shrubs, and also fet Kernels and Stones, cut and tay Quick fets, Sow Asparagus, Beans, Peafe, Raddish, Parsnips, Carrots Onions and Garlick.——Plant Cabbage plants, Potatoes, Collishowers, Parsly, Spinage, and other hardy Pot-herbs.——Cleanse your Trees from Moss and Canker; Earth up the uncovered Roots of Trees. Begin to graft for Apples, Pears, Plums, Cherries, &c.—Begin to make your hot Bed for the tops of Twigs, and gather Worms in the Evening, after Sun Set.—Sow Alaturnus Seed in Cases, or open Beds covered with Thorns or Bryars.

In MARCH.

Se Stercorations: Raife on hot Beds Mellons, Cucumbers, Gourds, &c. Graft, Slip and Set Sage, Rofemary, Lavender, Thyme, &c. Sow Endive, Succory, Leeks, Raddish, Beets, Parsings, Skirrets, Parsly, Sorrel, Boglace, Borage, Chervile, Sellory, Smallage, Alisanders, &c. Also Lettice, Onions, Garlick, Orach, Purslin, Turnips, Pease, Carrets, Cabbages, Cresses, Fenel, Marjoram, Basil, &c. — Transplant Medicinal Herbs, and Asparagus Roots, Beet Chars sown in Angust. — Dress and string Strawberry beds, stake and bind up weak Plants. — Sow Pinks, Sweet-Williams, Carnations, Pine kernels, Fir seeds and Payes——Plant Jasmine and Animony Roots, Transplant Carnations, Seedlings and Fibrous Roots. Fence your choice Anemonies, Auriculus, &c. with Mats, from nipping Frosts.

In APRIL.

Sow Marjoram, Hylop, Basil, Thyme, Winter-Savory, and Scurvy-golds. Also Lettice, Purslin, Collistowers, Raddish, double Marygolds, Cyony, Candy-tufts, Garden Pursly, Muscipula, Scabions, Pinks, Carnations, Sweet-Williams, Sc.—Plant Mellons, Cucumbers, and the Slips of Artichokes, Lavender, Thyme, Rosemary, Sc. Set French Beans, gather out Worms and Snails on Rainy Evenings.—Transplant and remove tender Shrubs, as Spanish Jasinines, Myrtles, Oleanders, young Oranges, Pomgranates, Sc.—1f Winds be past, clip (after Showers) Philirea, Alaternus, Cypress, Box, Myrtles, Barba-Jovis, and other Tonsile Shrubs.

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In MAY.

Sow Sweet Marjoram, Bafil, Thyme, Hot and Aromatick Herbs, and the most tender Plants; also Purssan, Lettice, painted Beans, Co. Look well to your Mellons, and towards the end of this Month for bear

to cover them on the Ridges with Straw and Matrices—Ply the Laboratory, diffilling Plants for Spirits, Waters, &c. Pull up Weeds before they feed—Give your Housed Plants fresh Earth, a handful or more deep, loosening the rest with a Fork without wounding the Root; let the fresh Earth be very fine and rich—Shade your Carnations and Gillishowers after Mid-day—Plant Stock-Gillishowers in Beds; and at the full of the Moon gather Anemony Seeds—Take up dried Tulips, and cover such as are bare.

In JUNE.

Sow Lettice, Chervile, Raddish, &c.——Cleanse Vines of Exorbitant Branches, stopping the Joint: Inoculate Apricots, Peaches, Cherries, Plums, Apples, Pears, &c.——Gather Herbs at the full of the Moon, dry them in the Sun. Distil Aromatick Plants. Water planted Trees, and put half rotten Fern about their Stems——Transplant Autumnal Cychamens; gather the ripe Seeds of choice Flowers. Inoculate Roses, and rare Shrubs——Take up your rarest Anemonies, Ranniculusses, Tulip bulbes, and all such Plants and Roots as endure not well out of the Ground, and plant them again.

In JULY.

Ow Lettice, Raddish, &c. for tender Saletting, and latter Pease.

Water young planted Trees and Layers, prune Apricocks and Peaches, saving the most likely Shoots well placed—Let such Olitory Herbs run to seed as you would save. Slip stocks and other liguous Plants and Flowers. Lay Myrtles, and other curious Greens, as also Carnations and Gillishowers for increase—Water young planted Shrubs and Layers. Clip Box (growing out of order) after Rain. Out off withered stalks of lower Flowers—Water your Gravel Walks in the driest Season, with Brine, Pot-Ashes Water, and a Decoction of Tobacco refuse, to destroy Worms and Weeds—Top the exuberant Shoots of Vines at the second Joint above the Fruit.

In AUGUST.

Noculate early. Prune off superfluous Branches and Shoots of the fecond Spring; pull up Suckers—Sow Raddish, tender Cabbages and Collishowers for winter Plants —Sow Corn. Sallet, Marigolds Lettice, Carrots, Parsnips, Spinage, Onions, curled Endive, Angelica, Scurvigrass, Grass, Larks Heel, Candy tufts, Columbines, Iron-colour'd Fox Gloves, Holy Hocks, and such Plants as indure Winter—Transplant such Lettice as you would have endure all Winter: pull up ripe Onions and Garlick—Gather Olivory Seeds; clip such Herbs before

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the Full, an handful high — Plant Anemonies, flip Gilliflowers, and gather Seeds of Shrubs being ripe — Take up Bulbes of Lillies. Remove and lay Perennial Greens, Oranges, Lemmons, Myrtles, &c. — Sow Purllan, Chard Beet, Chervile — Make Summer Cyder and Perry.

In SEPTEMBER.

In OCTOBER.

TRench Ground for Orcharding and Kitchen Gardens. Plant Fruit trees of all forts when they have lost their Leaves; and let your Wall Trees be of above a Years Grafting — Use oblaqueations and laying bare the Roots of old unthriving, or over haity blooming Trees. Gather Fruit dry the Moon decreating. Plant and plash Quick-fets — Sow all stony and hard Kernels and Seeds, as Plumbs, Cherries, Nuts, Ash-Keys, Acorns, Crab and Pear Kernels, Almond-stones, &c. Sow Lettice. Make Winter Cyder. Sow as in September. Plant choice Tulips — Plant Anemonies and Raniculus's in fresh sandy Earth taken from under the Turf — Retire Carnations, &c.

In NOVEMBER.

Turn your Mellon Ground, and mingle it with Earth, laying it in Ridges for the Spring—Trench and fit Ground for Artichokes. Set and plant Trees standard or mural—Furnish your Nursery with Stocks for grafting. Sow and set early Beans and Pease. Lay in Cellers (to be transplanted at Spring for Seed.) Carrots. Parsnips. Turnips. Cabbages and Collistowers.—Gather your last Orchard Fruit dry; and dig up your Potatoes as clean as you can—Crop Asparagrass, and cover it with long Dung, or make Beds to plant in the Spring. Sow Auricula Seed, cover peeping Ranoculus's; plant Tulips under shelter, the Earth not too rich—plant Forest Trees for Walks.

Avenues

Avenues and Groves——Also plant fibrous Roots; as Roses, Alstheastrutex, Lilax, Syringas, Cyrifus, Peonies, &c.

In DECEMBER.

Rune and nail standard Trees and wall Fruit — Plant Vines and Stocks for Grafting. Sow yet Pomace of Cyder pressings for Nurseries. Set all sorts of Kernels, Stones, &c. Sow early Beans and Pease — Trench Ground and dung it for Borders planting Fruit, Trees. Turn and refresh Autumnal Fruit, opening the Windows on a clear Day, and set Vermine Traps—Preserve your choisest Anemonies, Carnations, &c. from great Rain and Frost. Let the Door and Windows of your Conservatory be well matted and guarded from piercing Air. Temper the Air with a little Charcole put into a hopping tipe. Cover your Fountain Pipes with fresh and warm Litter out of the Stable, &c.

A Table of the Affize of Bread, according to Troy Weight, having Twelve Ounces in a Pound, and Twenty Penny-weights in each of these Twelve Ounces.

rice of neat.									
s. d.	tt	2. 6	liv	Ħ	2.6	lw	It	7. 4	lu
19.5	1.	5.	7	2.	2.	0	2.	10.	19
20.0									
20.6	1.	4.1	0	2.	0.	14	2.	9.	. C
21.0	I.	4.	2	2.	0.	2	2.	8.	4
21.6	1.	3.1	4	1.	H.	12	2.	7.	8
22.0	1.	3.	0	1-	11.	0	2.	6.	12
22.6	1.	3.	6	1.	10.	10	2.	6.	C
23.0	1.	2.	4	1.	1.	0	2.	5.	8
23.6	1.	2.	8	1.	9.	12	2.	4.	16
24.0	1.	2.	2	1.	9.	2	2.	4.	4
24.6	1.	1.1	6	1.	8.	13	2.	3.	12
25.0	1.	1.1	0	1.	8.	6	2.	3.	0
25.5	1.	1.	5	1.	7.1	18	2.	2.	10

Price of Wheat.	Penny White.	Penny Penny Wheaten Houshold
s. d.	Ho.du	16 . dw 16 . dw
		1. 7.102. 2. 0
26.5	1. 0.15	1. 7. 32. 1.10
27.0	1. 0.10	1. 6.162. 1. 1
27.6	1. 0. 6	1. 6. 82. 0.12
28.0	1. 0. I	1. 6. 02. 0. 2
28.6	0.11.17	1. 5.15 1.11.14
29.0	0.11.13	1. 5.101.11. 6
29.6	0.11. 9	1. 5. 4 1.10.17
30.0	0.11. 5	1. 4.18 1.10.10
30.6	0.11. 1	1. 4.12 1.10. 2
31.0	81.01.0	1. 4. 6 1. 9.16
31.6	0.10.14	1. 4. 1 1. 9. 8
32.0	0.10.11	1. 3.16 1. 9. 2

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Price of	Penny	Penny Penny Wheaten Housbold	Price of Wheat.	P	nny	w	enny eaten	Ho	enn	d
		to. dw to. dw	s. d.	16	o. dw	16	o. du	16	0. d	w
22.6	0.10. 8	1. 3.12 1. 8.16	47.0	0.	7- 4	0.1	0.16	1.	2.	7
33.0	0.10. 5	1. 3. 61. 8.10	47.6	0.	7. 2	0.1	0.13	1.	2.	4
33.6	0.10. 3	1. 3. 01. 8. 4	48.0	0.	7. 1	0.1	0.10	1.	2.	1
340	0. 9.19	1. 2.15 1. 7.18	48.6	0.	6.19	0.1	0. 8	1.	1.1	18
346	0. 9.16	1. 2.12 1. 7.12	49.0	0.	6.17	0.1	0. 6	1-	1.1	6
35.0	0. 9.13	1. 2. 8 1. 7. 6	49.6	0.	6.16	0.1	10. 4	1.	1.1	3
35.6	0. 9.10	1. 2. 41. 7. 0	50.0	0.	6.15	0.1	0. 2	1.	1.1	C
36.0	0. 9. 8	1. 2. 1 1. 6.16	50.6	0.	6.14	0.1	0. 0	1.	1.1	7
36.6	0. 9. 5	1. 1.18 1. 6.10	51.0	0.	6.12	0.	9.18	1.	I.	4
37.0	0. 9. 2	1. 1.14 1. 6. 4	51.6	0.	6.11	0.	9.16	1.	1.	2
37.6	0. 9. 0	1. 1.101. 6. 0	52.0							
38.0	0. 8.18	1. 1. 71. 5.16	52.6							
38.6	0. 8.19	1. 1. 41. 5.11	53.0	0.	6. 7	0.	9.10	1.	0.1	4
		1. 1. 01. 5. 6	53.6	0.	6. 6	c.	9. 8	I.	0.1	2
39.6	0. 8.11	1. 0.16 1. 5. 2	54.0	0.	6. 5	0.	9. 6	1.	0.1	C
40.0	c. 8.	1. 0.12 1. 4.18	54.6							
		1. 0. 91. 4.14	55.0							
		1. 0. 61. 4.10	55.6	0.	6. 1	0.	9. 2	1.	0.	ğ
		1. 0. 3 1. 4. 6	56.0	0.	6. 0	0.	9. 0	1.	0.	C
42.0	0. 8.	1. 0. 01. 4. 2	56.6	0.	5.19	0.	8.18	0.1	1.1	8
42.6	0. 7.1	0.11.181. 3.18	57.0							
43.0	0. 7.1	0.11.161. 3.14	57.6	c.	5.17	0.	8-15	0.1	1.1	4
43.6	0. 7.1	50-11-13 1- 3.10	58.0							
		30.11.101. 3. 6	58.6							
		20.11. 61. 3. 5	59.0	0.	5-13	0.	8.12	0.1	11.	6
		00.11. 41. 3. 0	59.6							
45.6	0. 7.	80.11. 21. 2.17	60.0	0.	5.11	0.	8. 8	0.1	11.	2
		60.11. 01. 2.14		c.	5.10	0.	8. 6	0.	11.	1

The Use of the Table of the Assize of Bread.

Bakers inhabiting Corporate Towns (in regard that they pay Scot and Lot) are allowed fix Shillings in every Quarter of the middle prized Wheat, for their Charge in Baking.

And Country, or Foreign Bakers only four Shillings.

Example.

When the middle price of Wheat is 30 Shillings the Quarter, for Affize of Town Bakers you are to find in the foregoing Table the Affize of Bread answering 36 Shillings.

But for the Assize of Foreign Bakers, that of 34 Shillings; and therefore (in that case) the Penny White Loas put to sale by Town Bakers, ought to weigh 9 ounces, 8 penny weights, but that uttered by Foreign Bakers, 9 ounces, 19 penny weights, as appears by the Table. See Wingate's Abridgment of all the Statutes, Printed Anno 1689.

Note, That Liquors, Jewels, Amber. Gold and Silver are weighed by Troy weight, as well as Bread, and Meal; for a Bushel of Meal weighs 68 Pounds, 1 Ounce, and 12 penny weight, a Gallon of

Wheaten Meal 8 Pound 6 Ounces, and 4 penny weights.

A Miller, if he carry and re carry his Grift, is allowed 4 pound or

pints in the Bushel, both for Toll and Waste.

But if it be brought to him, and carried back at the Owner's Charge, he ought to take but 2 pound in the Bushel.

The Wafte in Grinding is about one pound in the Bushel.

The OATH of a Freeman.

YE shall Swear that ye shall be good and true to our Sovereign Lord and Lady, King William and Queen Mary, and to the Heirs of our said Sovereign Lord and Lady, the King and Queen. Obeyfant and Obedient ye shall be to the Mayor and Ministers of this City, the Franchifes and Customs thereof ye shall maintain, and this Csty keep harmless in that which in you is. Te shall be contributary to all manner of Charges within this City, as Summons, Watches, Contributions, Taxes, Tallages, Lot and Scot, and to all Charges, bearing your part as a Freeman ought to do. Te shall colour no Foreigners Goods, under, or in your Name, whereby the King or this City might or may lofe their Customs or Advantages. Te shall know no Foreigner to buy or fell any Merchandize with any Foreigner within this City or Franchife thereof, but ye shall warn the Chamberlain thereof, or some Minister of the Chamber. Te shall implead or sue no Freeman out of the City, whilest ye may have Right and Law within the same City. Te shall take none Apprentice, but if he be Free-born (that is to fay) no Bondmans Son, nor the Son of an Alien. and for no less term than for seven Years, without fraud or deceit: and within the first Year ye shall cause him to be involled, or else pay such Fine as shall be reasonably imposed upon you for omitting the Jame: And after his term ends, within convenient time (being reguired) ye shall make him Free of this City, if he have well and truly served you. Te shall also keep the King's Peace in your own Per-Jon. Te finall know no Gatherings, Conventicles, or Conspiracies made

made against the King's Peace, but ye shall warm the Mayor thereof, or let it to your power. All these Points and Arcicles ye shall well and truly keep according to the Laws and Customs of this City to your power, so God you help, &c.

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Abrief and plain Introduction to Arithmetick; Alfo Instructions for making Bills, Bonds, Acquittances, Releases, Letters of Attorney, &c.

Before I proceed to Arithmetick, I thought it convenient to Inftruck Youth and others in these following Things, which are very necessary to be exactly known by them; And first of all I shall begin with Time.

The Measure of Time arising from a Minute.

60 Minutes

24 Hours
7 Days
4 Weeks
13 fuch Months, 1 day
and fix hours.

But a Year is commonly divided into twelve unequal Calendar Months; and how many Days each of them has, this Rhyme will inform you.

Thirty Days hath September,
Aprily June, and November;
February bath Twenty-Eight alone,
All the rest bave Thirty and One;
But every fourth Year while the World doth endure,
February will have Twenty-nine to be sure.

At this rate the Year confifts of 365 Days, and the fix hours are reckoned only every fourth Year, by adding what they amount to, viz. A whole Day to Februars, which then has 29 days; and that Year (which confifts of 366 days) is called Leap-Tear.

The Four Quarter-days in the Year are March 25, called Lady-day; June 24, called Midfummer-day; September 29, called Michaelmas-day; December 25, called Christmas-day.

The Country-men do also sometimes divide the Year into sour other Quarters, that is February 2, called Candlemas-day; May 1, called May-day; August 1, called Lamas; November 1, called All-Saints-day, or All-ballontide.

Apothecaries Weights and Marks.

B. Recipe, that is, Take thou.

Ana, Of each alike.

P. A Pugil, or half an handful; properly as much as you can take up with your two fore Fingers and Thumb.

M. Manipulus, an handful.

2. S. Quantum Sufficie, a sufficient quantity. Q. L. Quantum Laber, as much as you please.

Gr. A Grain.

3. A Scruple, or 20 Grains.

3. A Dram, or 3 Scruples, that is 60 Grains.

3. An Ounce, or 8 Drams, that is 24 Scruples, 480 Grains.

B. Semiffis, half a Pound.

16 A Pound, or 12 Opinces, that is, 96 Drams, 288 Scruples, 5760 Grains.

But here you must take notice of two different forts of Weights,

commonly used in England; Troy-Weight, and Aver-du-pois.

Troy Weight (so called, because 'tis supposed to be used by the Trojans) is that which the Apostocaries use, and by that also, Braad, Gold, and Silver are weighed; it is deduced from a Grain of Wheat gathered out of the middle of the Ear and well dried: For,

23 fuch Grains of Wheat
24 Artificial Grains
20 Penny-weight
12 Ounces

24 Artificial Grains
1 Penny-weight
1 Ounce.
1 Pound.

The other fort of Weight used among us is called Aver-du-pais [that is, Have your Weight; the meaning is, you shall have full Weight; for one Pound of That is equal to one Pound, two Ounces, and 12 Penny weights of Troy weight.] And this serveth to weigh grosser Commodities; as all forts of Grocery-Wares; also Butter, Cheese, Flesh, Tallow, Pitch, Lead, &c.

The sinallest Denomination of this kind of Weight is a Dram.

(107)

16 Drains 16 Ounces 28 Pounds

Cone Ounce. one Pound.

make one Quarter of an Hundred, one Hundred Weight, that is 112 Pound.

4 Quarters 20 Hundred one Tun.

Wool is fold by this Weight, of which 14 pound makes one Stone; two Stone or 28 pound a Tod; and 26 Stone [that is 364 Pound] one Sack, by the Statute of the 11 H. 7. C. 4.

Of Liquid Measures.

The least is a Pint, taken originally from Troy-weight (a Pound of Wheat, Troy-weight, filling that which we call a Pint) the Pint Beer-Measure, contains 35 ! folid Inches ; the Pint Wine-Measure, only 282 cubical or folid Inches.

2 Pints 2 Quarts

2 Pottles

8 Gallons

9 Gallons

18 Gallons and a half

56 Pounds

2 Firkins

2 Kilderkins

42 Gallons

84 Gallons

63 Gallons

2 Hogsheads, or 126

Gallons

2 Pipes or Buts, 252 Gallons

ri Quart. I Pottle.

1 Gallon.

I Firkin of Ale or Soap.

I Firkin of Beer.

I Runfer of Wine.

1 Firkin of Butter.

I Kilderkin.

Barrel.

make \ 1 Teirce, or third part of a Pipe.

1 Tertian, or third part of of

Ton. 1 Hogshead.

I Pipe or But.

Tun of Wine.

Of

four 7 1, 14-

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heat

pais full ces, cigb ter,

ams

Of Dry Measure

These are likewise taken from Troy weight, the least Denomination being a Pint.

2 Pints	(I Quart.
2 Quarts	Pottle. The lease of the problem
2 Pottles	I Gallon of the smile and addition
2 Gallons	l i Peck.
4 Pecks	I Bushel, in some places half a Bushel is called a Tover.
4 Bushels	Comb.
2 Combs > mal	ke i Quarter.
4 Quarters	a Chaldron of Corn; but 36 Bushels make a Chaldron of Coles, and of Scoreb
	Coles, 112 pound Aver-du-pois to the
5 Quarters	Wey.
2 Weys	Laft.

Measures of Longitude are originally from Barly Corns, taken out of the middle of the Ear and well dried.

3 Barly Corns	CI Inch	•	
12 Inches	l Foo	t.	
3 Foot	I Yar	1.	
3 Foot 9 Inches, or a T	I Ell.		
5 Foot	I Geo	metrical Pace.	
6 Foot	I Fad		
5 Yards and a half, that is, 16 Foot and an half	make { I Room	d, Pole, or Perch.	
40 Poles or Pearches	I Furl	ong.	
8 Furlongs	I Mile	e, which contains 52 ot, and 190080 Ba	.80 rly
40 Square Perches	I Ro	od of Land.	
4 Roods (or 40 Perches long and 4 broad,	1	icre of Land.	

And here note, for a Ciution against Extravagance, and for Encouragement to Frugality and good Husbandry in all People, especially Youth.

That

F

That every Penny any Person spends idly, would purchase a Yard (that is three Foot) square, and somewhat above, of as good Land as most in England, to him and his Heirs for ever.

Which is thus Demonstrated.

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Sixteen Foot and a half being one Rood, and forty such Roods (that is 660 Foot) in length, and four such Roods (that is 66 Foot) in bredth, making one Acre of Land, it follows, (by mulciplying 660 by 66) that every Acre contains 3560 square Feet.

Now Land that will let at 2. Shillings an Acre per Annum, is as good as most in England; an Acre of which if fold at 20 Years purchase (the usual highest rate) may be bought for 20 Pounds, that is, for 4800 pence.

Now if you divide 43560 by 4800, the quotient is Nine, and 360

which shews that every Penny does purchase 9 square Feet (that is, three Foot long and three bload) of such good Land, and some-

what above — Wnich is what was to be demonitrated.

The parts of any whole thing are thus expressed, $-\frac{1}{2}$ an half, $-\frac{1}{4}$ one quarter or fourth part—

three quarters, or three fourth parts—

one twentieth part: So—

one twentieth part: So—

one twentieth part of a pound is a Shilling in Mony; —

an Ounce, or fixteenth part of a pound of Tobacco.

An easie Rule for Retailing Shop-keepers.

For every Farthing that a Pound doth coft, Reckon Two Shillings and One Groat, which must Shew you the Price of an Hundred Weight just.

For Example.

Raisins are at 3 d \(\frac{1}{2} \) (that is 14 Farthings) the Pound: Twice 14 s. \(\frac{18}{28} \) s. and 14 Groats, is 4 s. and 8 d. That is in all 32 s. and 8 d. the 14th rate by the Hundred Weight, for 112 three pences makes 28 s. and 112 half pence 4 s. 8 d. together, 32 s. 8 d.

Of Coins, English and Foreign.

For the right fetting down of any Sum of Mony. Note, That I. over any Figure or Figures, fignifies Libra, the Latin for a Pound; s. for Solidus or Solidi, a Shilling or Shillings; d. Denarius Hhh

or Benarii, a Penny or Pence ; Ob, Obolus, an Half-Penny; and q. Quadrans, a Farehing. As,

1. s. d. ob. q.

36 17 9 1 . must be read Thirty Six Pounds, Seventeen Shillings, Nine Pence Half-penny Farthing.

Of English Coins of Gold and Silver.

Gold English Coins.

					. ,
3.	d.		1.	3.	d.
A 2-	- 9 piece worth	_	0	3	3
A 5-	piece worth		- 0	5	9
	- 6 piece worth		0	.6	3
	piece worth		0	11	6
	piece worth		. 0	12	6
	Scotch Crofs-Dagger -		- 0	12	6
A 20-	- piece Charles and James -		- 1	3	6
	—piece ———		1	3	6
An half E			0	14	6
A ac -	piece Jacobus		1	15	. 0
A	piece Elizabeth		,	9	. 0
A	Rose Noble Elizabeth -		2	, ,	0
	- Rose Noble Facobus		2	0	0
	-Angel Elizabeth		0	14	0
An-	Angel James -		. 0	13	0
An	- Angel Charles the I.	-	0	11	6
A	- Ship Angel Charles the II.		. 0		0
A leffer S	hip Angel Charles the II		0	5	0
A -	- Ship Angel James the II		0	3	6
A -	-Guinea -			4	6
					-
	-Half Guinea		0	10	6
	Two Guinea piece		2	3	0
A -	-Five Guinea piece		- 5	7	6

Brafs, Copper, Tin, and Silver, English Coins.

Farthing the least Eng	listo I Farthing.
Coin 2 Farthings	Half penny.
4 Farthings 4 Pence	make Penny.
2 Shillings Six-pence	3 En Shilling. Half-Crown.

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5 Shilling 6 Shilling 10 Shilling 13 Shilling 20 Shilling

6 Shillings Eight-pence 10 Shillings 12 Shillings Four pence

13 Shillings Four pence 20 Shillings make I Crown.
I Noble.
I Angel.
I Mark.
I Pound.

Gold to Silver is in Proportion as 12 to 1, and the value of both in England is as follows.

One Penny weight of Angel Gold is worth 4 s. 2 d. ob. Of Crown-Gold, 3 s. 10 d. ob. And of Sovereign Gold, 3 s. 6 d. ob.

The Standard of Sterling Silver is 11 Ounces and a Penny-weight of fine Silver, and 18 Penny-weight of Alloy of Copper; fo that 12 Ounces of pure Silver without any Alloy, is 3 l. 4 s. 6 d. And one Ounce, 5 s. 4 d. ob; But with Alloy, the Pound is worth but 3 l. and the Ounce 5 s. juit.

The Valuation of Foreign and English Gold, is as follows, viz.

Foreign Gold.		
1.	5.	d.
French Pistoloo	17	04
French Lewisoo	14	04
Holland Rider	. 05	.09
Hungary Ducat	09	08
Spanish Pistol—————————————————————	17	04
Flanders Albertus — — — — — — — — — — — — — — — — — — —	13	00
Double Sower of Flanders — or	08	06
Italian Pittol ———————————————————————————————————	16	07
Gilder of Porthono ———————————————————————————————————	06	10
Gilder of Matthias Emp. ————————————————————————————————————	07	02
Gilder of Norembergh — — — — oo	07	OI
Half Cardinal Angeloo	05	04
Cuckeen of Venice	09	04
A new Danish Coin, with a Crown on the one side of it-co	15	07

The Valuation of Foreign and English Silver.

Holland Dollar	04	42
	03	0+
Duckatoon of Flanders	05	04
Hhh2	Rix	dolle:

1.	s:	d.
Rixdoller of the Empire	04	5.
Mexica Real — — — — — co	40	-
Sevil Real	04	
Old Cardecus — co	10	
French Lewis — — — — — 00	04	-
Double Milret of Portugal —oo	. 03	
Single Milret of Portugal —	10	09
St. Mark of Venice —oo	02	c6
Double Dutch Stiver ————————————————————————————————————	00	13
Crofs Dollers — — — — — — — — oo	04	21
Zealand Doller —————————oo	02	07
Old Philip Doller — — — — — — — oo	CS	00
Ferdinando Doller, 1623 — — — — — — — — — — — — — — — — — — —	04	03
Prince of Orange Doller, 1624	04	3,
Leopoldus Doller, 1624 — — — — — oo	04	- 2
Rodolphus Doller, 1676 ——————————————————————————————————	04	
Maximilian Doller, 1616 — — — — — — — — — — — — — — — — —	04	05
Danish Doller, 1620 — — — — — — — — — — — — — — — — — — —	2	111
Portugal Fettoon ——————oo	10	2
New 4 of French Lewis	10	01

A Brief Introduction to Arithmetick, as far as the Rule of Three; which is as far as most Professions have occasion for.

IN Arithmetick (that is, the Art of Counting, from the Greek Word Arithmes, which fignifies Number) there are five especial Parts, viz. Numeration, Addition, Subtraction, Multiplication and Division.

Section 1.

Of NUMERATION.

Meration teaches how to fet down any Number spoken or proposed; and to read it truly when Written.

To which purpose you are to observe, That we commonly express all Numbers by these Nine Figures:

one, two, three, four, five, fix, feven, eight, nine.

And

And o, which is called a Cypher, and by some a Nought, because of it felf it fignifies nothing yet encreases the value of other Figures that stand behind it in the same Number.

For every Figure Augments its proper value according to the place

it happens to be in except the tirit.

These places are reckoned (contrary to our ordinary way of Writing and Spelling) from the right hand to the left (and the reason. thereof is, b cause this Art of Numbering was Taught by the Hebrews, and other Oriental Nations, whose Languages are read that way) fothat the Figure that flands furthermost to the right-hand, is faid to be the First place; the next backwards, in the Second place; and fo of the reft.

Any of the Nine Figures in the First place fignifies only its own fingle value. In the Second place as many Tens as its own timple value; in the Third place, fo many Hundreds; in the Fourth place, fo many Thousands; in the Fifth place, so many Ten Thousands; in the Sixth, so many Hundred Thousands; and in the Seventh, so many Millions; in the Eighth, fo many Ten Millions; and in the Ninth, fo many Himdred Millions; as in the following Numeration-Table, may be feen

more fully.

A Numeration-Table.

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54

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Clinits - 1 m 4 m 0 1 m 0 0	How each Number is to Read, being divided a Ternaries.	Twelve One hundred twenty three— One thouland Twelve Thouland 113 Thouland 12 Millions 245 Thouland 12 Millions 456 Thouland 123 Millions 760 Thouland
Hundreds Tens of Thousands Hundreds of Thousands Tens of Millions Tens of Millions Hundreds of Millions Hundreds of Millions Hundreds of Millions	Tens Hundreds Thousands Tens of Thousands Hundreds of Thousands Millions Tens of Millions Hundreds of Millions	1489 1489 14847 14847 148470 148470

Section 2. Of ADDITION.

A Ddition is the putting together of two or more Numbers or Sums, so as that the Total Value of them all may be discovered. And is either of Sums of one Denomination, as if I have 257 Sheep in one Field, and 725 in another, and 901 in a third place, how many

Sheep have I in all?

Or of feveral Denominations, some of a greater, some of a lesser value; As Pounds, Shillings, Pence; Days, Hours, Minutes; Tards, Quarters, Nails; as if I owe one Man 25 1.—04 2.—8 d. to another 9 1.—19 s.—11 d. to a Third, 127 1.—00 s.—01 d. what do I owe in all?

2. To resolve these and all such Questions (though never so many

particulars) observe,

That you fet down your Sums of one Denomination exactly even under one another, Unites under Unites, Tens under Tens, Hundreds under Hundreds, Sc. And so in Sums of several Denominations, let every Denomination be placed under those of its own kind. And its most proper to set the greatest uppermost;

As the aforefaid Numbers of | And those of several Denomination, thus:

721 025 04 08 157 009 19 11

Denomination, than makes one or more of the greater; for 'twould be abfurd and ridiculous to write thus—13—1.—22 s.—15 d. or 5 bund.—112 pounds—20 ounces, whereas it should be

191.-3 s.-3 d. and 6 C .- 1 1:-4 ounces.

3. Having rightly fet down your several Sums that are to be added, draw a Line under them; and beginning at the first place of the lowermost Number, add it to the rest of that rank, and for every Ten that you find in Sums of one Denomination, you must remember to carry One to the second place, and fo from the second place to the third, Se. until you come to the last, where the whole must be set down; but under the other places only that which is under or above Ten, or Tens, and carry so many Unites as you have Tens to the next place, as aforesaid.

As in the former Example; I say, Seven and Five is Twelve, and one is Thirteen, I set down 3. and for the 10. carry one to the next place, saying. One that I carried and five is Siz;, and two is Eight, which (being under 10) I set down, and go on to the third place, where 2 and 7 make 9, and 9 is 18. And this being the last place, I set it all down thus.

901 725 257

1883

Which shews that the Party in the Question proposed, must have in

all. One thou and Eight hundred Eighty the es Sheep.

4. But in all Sums of divers Denominations, you must consider how many of the least Denomination, do make one of the next bigger, and how many of that, one of the next; And how many of this, make one of the greatest Denomination of all; As if you are to cast up Pounds, Shillings, and Pence, since 12 d. make a Shilling, therefore in casting up the Pence you must not carry Tens (as you did in Sums of one Denomination) but Twelves, that is, you must carry so many Unites to the second denomination, as you find Twelves in the first. And because 20 Shillings makes a Pound, therefore in casting up Shillings, you must carry (not at Ten, nor Twelve, but) at Twenty; That is, for every twenty Shillings that you find of the Shillings, you must carry one to the Pounds, and then cast up the Pounds (because they are the last Denomination) just as you did Sums of one Denomination. Take the former Sum for an Example:

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I begin with the *Pence*, and fay, I and 8 is 9, and I is 10, and 10 (which is I in the fecond place) is 20; which is once 12, and 8; I fet down the 8, and for the 12 carry I to the Shillings; and fay, One that I carried and 9 is 10, and 4 is 14, and 10 in the fecond place is 24; I fet down the 4, but for the 20, carry I to the Pounds; and fay, I and 9 is 10, and 5

makes 15, and 7 is 22, I fet down the 2, and for the 20 (as in Sums of one Denomination) carry 2 to the place of Tens, and fay, Two I carry, and nought is ttill but 2, and 2 is 4, and 2 is 6; which I fet down, and proceed to the third place, faying. Nought and nought is ttill but Nought, and one is but one, which I fet down, and the Total appears to be One hundred fixty two Pounds, four Shillings and eight Pence.

The Proof of Addition.

Draw a Line under the uppermost Number of any Sum, and add again all the Sums below it, and add the Total of what they make, to the said upper Line, and if they two make just the first Total, then you are right, otherwise some Error is committed.

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Section 3. OF SUBTRACTION

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Otheraction (commonly, but corruptly written substraction) is a Rule that Teaches us how to take any leffer Number out of a

greater, fo as to know how much remains.

1. Set down your greater Number, and then your smaller Number (for Subtraction cannot be made but out of a greater, or at least equal Number) just under it, Unites under Unites, Tens under Tens, and fo each Denomination answering to its kind, Pounds to Pounds, Pence

2. Draw a Line under them, and begin at the right Hand, to take the lower Number out of the higher, and fet down what remains un-

der the Line.

3. If any Figure of the smaller Number happen to be bigger than that over it of the greater Number, then you must borrow 10 to add to fuch upper Number, and then Subtract, and pay it again by adding one to the next Figure of the lower Number. For Example, I would Subtract 194 out of 365 (the number of Days in a Year) I fet them

down thus: four from five and there remains one, which I fet 365 dot but nine I cannot take out of fix, therefore borrow 10 and put to the 6, and then take nine out of fixteen and - there remains feven, which I fet down; But because an homen Man mun dways pay what he borrows, I must when - I proceed to the next Figure, fay one that I borrow and one is two, and two out of three, there remains one, which I fet down, fo the whole remainder is 171, that is, 194 wants fo many of being 365.

4. But in Sums of feveral Denominations, if in Subtracting any of the Denominations but the last, you have occasion to borrow, you must not borrow 10, but an Unite or Integer from the next greater Denomination, and turn it into the parts of the leffer Denomination, and from the Sum they make. Subtract your lowermost Number, noting the Remainder below the Line; and proceed to pay what thus you borrowed, by adding one to the next Denomination of the lower Number.

Borrowed 486-15-5 Paid 298-17-9

Rem. 137-17-8

For Example.

Here 9d. out of 5d. I cannot, therefore I must borrow one of the next Denomination, which is Shillings, now one Shilling being 12 Pence, Ladd 12 to the 5, and then it makes 17, out of which I take 9 d. and there remains 8; then I come to the Shillings and fay one that I borrowed

5. If many Sums or Numbers be given to be subtracted out of one, you must first by Addition reduce them all to one Total, and

then fubtract that out of the given greater Number-

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6. The Proof of Substraction is by Addition; for if you add the Remainder and lower Number, and their Total be the same with the upper Number, then the work is right.

An Example of the two last Rules.

A. Lent B. 694!.—15s.—91. B. has Paid him again at one time 50!.—5s.—11 d. At another time 11.—10s. And at another time 244!.—16s.—9d. I would know how the Reckoning flands between them; what B. hath Paid in all; and how much is still remaining due to A? Set the Sum thus

Lent -		4-15-	d. 09
Paid at seve Payments-	- < 050-	16- 	-11
Paid in all-	296-	12	08
Remains	398	-03	10-

To prove whether this Subtraction be right.

	l. s. d.
I add the Remainder	-39801
unto the leffer Sum-	
It makes the greater Sum	69415

Therefore "is well done.

Section 4. Of MULTIPLICATION.

M Ultiplication teaches how to Encrease the greater of two Numbers given as often as there are Unites in the leffer;

and ferves in flead of many Additions.

Wherein you must observe three parts, 1. The Number to be Multiplied, which is called the Multiplicand. 2. A lester Number whereby the former is to be Multiplied, which is therefore term'd the Multiplier. 3. The Number anising from them both, bring Multiplied one by the other, and this is called the Product: As when I say 5 times 8 is 40: Eight is the Multiplicand, 5 the Multiplier, and 40 the Product.

3. Before you can make any Progress in this Rule, you must per-

feetly get the following Table by heart.

2 times
$$\begin{cases} 2\\3\\4\\4\\5\\6\\8\\8\\10\\12\\14\\16\\18 \end{cases}$$
 3 times $\begin{cases} 3\\4\\4\\5\\15\\18\\12\\15\\18\\19 \end{cases}$ is $\begin{cases} 16\\8\\10\\12\\14\\16\\18 \end{cases}$ 3 times $\begin{cases} 3\\4\\5\\15\\18\\12\\12\\4\\27 \end{cases}$ 4 times $\begin{cases} 4\\5\\7\\8\\18\\27\\36 \end{cases}$ 5 times $\begin{cases} 5\\6\\7\\8\\30\\45\\40 \end{cases}$ 6 times $\begin{cases} 6\\7\\8\\36\\36 \end{cases}$ 7 times $\begin{cases} 7\\4\\3\\6\\36 \end{cases}$ 7 times $\begin{cases} 7\\4\\3\\6\\36 \end{cases}$ 8 times $\begin{cases} 8\\7\\2\\48\\54 \end{cases}$ 9 times 9 is 81.

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If at any time you are on a sudden at a loss herein, invert the Number, and that may relieve your Memory, and gives the very same Sum;

As 5 times 8, is 3 times 5, that is 40.

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4. Having this Table at your Tongues End, fet down the greater Number or Multiplicand, and exactly under it the leffer or Multiplier, and draw a Line; then beginning at the right hand. Multiply every Figure of the upper, by every Figure of the lower Number, and of what each makes, fet down under the Line (as in Addition) all that is under 10, or above 10, or tens; and for every 10, carry one to the next place, till you come to the last place, and there fet down all.

For Example, There are commonly reckoned 365 days in a year, and I am 39 years of Age, I would know how many days I have Lived; To Answer this Question, you must Multiply 365 by 39.

As For Example.

365 " Nine times 5 is 5 times 9, that is 45, I fet down 5 and 39 carry 4; 9 times 6 is 54, and 4 which I carried is 58, I fet down 8 and carry 5; 9 times 3 is 27, and 5 which 3385 I carried is 32, which I fet down. And then having done with 9, give it a dash, thus g, and proceed to the 1095 fecond Figure; but what that makes, I must fet in another under Line, whose first Figure must stand under the second place of the former Line, and fo the Product of every Figure of the Multiplier must be fet down from under its own place towards the left hand. Thus in our present Case, I say 3 times 5 is 15, the 5 I fet down as you fee, and carry one; 3 times 6 is 18, and 1 I carried makes 19, I fet down the 9 and carry one; 3 times 3 is 9, and one carried makes 10, which I fet down; and adding both Lines together, they make 14235, for the Product or Number of days.

Another Example.

If one Sea man have 14s. per Month Wages, what will the Wages of 3349 Sea men for the fame time come to? To Refolve this and all fuch like Questions, you need only Multiply the greater Number by the Jester: As,

Which Product being Divided (as you fhall be Faught in the wext Rule) by

20, gives you 2344! 66. And fo much is the Pay of 3349 Men for a

Month at 14st per Man.

3349

To shorten the work of Multiplication, Note, That if your Multiplier be 10, 100, 1000, &c. add but those respective Cyphers to the Multiplicand, and it gives the Product. As,

637	(1)	2	C.630
85 Multiplied by	31000	makes	3600
85		(285000
923	(10000	, ,	-920000

If your Multiplier or Multiplicand, or either of them, confift of some Figures and some Cyphers at the end. Multiply only the Figures, and to the Product add so many Cyphers, and your work is done; As if you are to Multiply 2300 by 40, set it down thus

	4
Add 3 Cyphers, two for the Multi- preand, and one for the Multiplier, it	92
makes -	 92000

The best Proof of Multiplication is by Division, and there we will reach it.

Section 5. Of DIVISION.

Division teachees us to find how many times a leffer Number is contained in a greater; and what remains in the greater, when the leffer has been taken out of it, as often as it can.

Therein four Parts or Numbers are to be observed.

1. The Number to be parted or Divided, called, the Dividend.

2. The Number by which you Divide, which you must call, The Divisor; this must always be less than the Dividend.

3. The fum produced, thewing how many times the Divifor is contained in the Dividend, which therefore is called, The Quotient, from the Latin word Quotie, would start ?

4. If any thing happen to be left after such Division made (which must always be less than the Divisor) the same is called the Remarkder.

As

As 23 being Divided 5, or into 5 equal parts, the Quotient will be 4, and the Remainder 3, because 5 is contained in 23, four times, and 2 over.

Here 23 is the Dividend, 5 the Divisor, 4 the Quotient, and

a the Remainder.

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This is the most difficult Rule; but I shall endeavour to lay it down so plain, as any Youth or Countrey man may apprehend it, if

he will observe the following directions.

But when the first Figure of the Dividend happens to be less than that of the Divisor then you must set the Divisor more forwards towards the right hand, under the second Figure of the Dividend. As if you would Divide the same Number by 7 (the number of the days in one week) then you must place it thus—

Then fay, How often can I have seven in 36? By
your Multiplication Table you have learnt that 6 times 7 is 42, which
is 6 too many; but 5 times 7 is 35, therefore
I say I can have it 5 times, which I note in a
crooked Line drawn on the right side of the
3.88(52)

crooked Line drawn on the right fide of the 3.08() 2
Dividend; and fay 5 times 7 is 35, now 35 77
out of 36, there remains one, which I write
over the 6, and with a dash Cancel both the 7 (as having performed its first Office) and the 36. And then I must remove my
Divisor 7, surther, and say how oft can I have 7 in 15; which
being twice, I add it in the Quotient, and say twice 7 out of
15 and there remaines one, which I write over the 5 in a Crotchet,
to distinguish it to be a Remainder, and then Cancel both the
Divisor, and the 1 in the second place, and the 5 in the first place
of the Dividend. And hereby I find that 7 days or one week is
contained 52 times in 365 days, or one year; consequently that

there are 52 weeks in a year, and one day over The like you must do in all cases where your Divisor is only

a single Figure.

But when your Divisor consists of several Figures, you must remember that you take its first Figure out of the first, or two first Figures of the Dividend, no oftner than you can take all the rest of the Divisors Figures, out of those Figures of the Dividend, under which they stand; both being placed as before is directed [that is, if the first of the Dividend be less than the first of the Divisor, the first of the Divisor must be set under the second of the Divisor.

Dividend] yet in fuch a cafe it Divides not only that immediate Figure it stands under, but also the other towards the left hand

In short, This Rule is performed by five Operations. 1. The Divisor, how many Figures soever it consists of, must be set under so much of the Dividend, as that may all be taken at least once out of this. 2. See how oft the Divisor is contained in the Dividend, and let that be your 2 votient. 3. Mustiply that which you make the Quotient and Divisor together. 4. Subtract the Product of those two from the Divisor out of those of your Dividend, remove the Divisor forwards towards the right-hand; but each under its proper place, which if your Sum be long, will run down to a great depth in its first place, and gradually mount in the place following; yet both these, and those variations in the Dividend till keeping the same place of the Original Sum, are to be considered as if they were wrote in a direct Line.

An Example or two will render the whole Rule (which feems in-

tricate) very Plain and eafy.

As for Example, Suppose 4684 to be equally divided be-

by Divisor, is more than four, the first Figure of my obliged by the Rule before laid down, to remove

the Divisor one place further, thus: Then say I, 5 I can have in 46 nine times, and one remaining, but then I cannot have 9 times 4 that is 36, out of 18, therefore I take but 8 times 5, and having set 8 in the place for the Quotient, I say 8 times 5 40, which 40 being taken out of 46, there remains 6; so I Cancel the 5 in the Divisor and 4 in the Divisor 36, which I over write, and Cancel the 68, and there remains 36, which I over write, and Cancel the 68 and also the 4 in the Divisor, and then it stands as in the Margin before.

But there still remains 364 in the Dividend, therefore I must now set my Divisor forwards,

which is done thus

Here I Enquire how oft I can have 5 in 36?

the Answer is 7 times and one remaining; but I

withall consider I cannot take 7 times 4, which
is 28, out of 14, which then would only remain;

therefore I take but 6 for the Quotient, which I let down in its place, and fay 6 times 5 is 30 which taken out of 36, there remains 6; fo I Cancel the 3 and the 5 in the Division; then I say 6 times 4 is 24, which out of 64 there remains 40, which I note by Cancelling the 6 and 4 in the Dividend, and write 4 over 6, and then

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then Cancel too the 4 in the Divisor; and because the 4 lest, which being in the second place of the Divisor figurifies 40, is less than my Divisor 54, I can divide no further, but make a Crotchet before 4 to denote it a Remainder.

Hereby I learn that 4684 !. being to be equally distributed amongst 34 Men, each Mans share is 86 !. and there remains 40 !. over, to be

hared amongst them.

The Question then will be what shall be done with that 40 !? I Answer, you must by Multiplication turn it into a smaller Denomination, as multiply 40 by 20; the Product is 800 s. which divide by 54, the Quotient is 14 and 44 s. remaining.

Turn these 44 s. into Pence by Multiplying them by 12, the Product is 528. Divide that too by 54, the Quotient is 9 and 42 re-

maining.

So that each is to have 86 1.—14 s.—9 d.—And the remaining 42d. comes almost to 3 Farthings a piece more.

If your Sums be long, you must take special care to write your Figures even in their places, over and under each other, else you

will bring all into Confusion.

I told you before that Multiplication was to be proved by Division; The way of doing it is thus—Divide the Product by the Multiplier, and if the work be right, the Quatient will be equal to the Multiplicand—Or, Divide the Product by the Multiplicand, and the Quatient field be equal to the Multiplier; either of these ways will do.

So Multiplication is the furest proof of Division; for, if you Multiply the Quotient by the Divisor, and add the Remainder (if any were lest in the Division) if the whole Product be the same with your Dividend, then your work is right; otherwise there is some miltake.

Thefe two Rules are fo plain, they need no Examples.

Section 6.

Of the Rule of THREE.

THE Rule of Three for its excellent Use called, The Golden Rule) Teaches us from Three Numbers given, to find out a Fourth that may bear the same proportion to one of the three given Numbers, as the other Taro do to each other.

As if 20 Tuns of Wine cost 800 % what will 30 Tuns cost?

Here Note, That the First Number and the Third must always be of one and the same kind and denomination: As if one be Pounds, Pence, Tards, Pints, Hours, Horses, Men, &c. for espectively must the other be. And the like is to be understood of the Second and the Foursh. As in this Example, The Numbers must be disposed thus,

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Pounds.

Tuns.

20--800-30 This Rule is performed (after such apt disposal of the Terms) first

by Mairiplication, and then by Division.

But you must observe, that according to the Question that may happ n to be propounded, it is to be wrought two ways. Direct and Re ere.

The Rule of Three Direct, is when in the Question, Rule of More requires More, or Les requires Les. As in this Three Di-Que ion, I 20 Tuns cost 800% what will 30 Tuns rect what. coft : Here 'tis evident that the third Term is more than the fir t and requires more. - So in this Question, If 750 l. give 45 ! Interest for a Tar, what shall 50 l. give? Here 'tis plain that 50 . is less than 750 ! and requires less to answer it; therefore both

thefe, and all fuch like Questions, must be workt the Direct way; wherein the Rule is plainly thus.

Multiply the Second Number by the Third, and Divide by the First, the Quotient shall be the Fourth Number sought after.

As in the first of these Examples, I Multiply 800 by 30, the Product 18 2400; which I divide by 20, and the Quotient is 1200, which is what 30 Tuns after the same proportion will cost.

And so in the second Example, Multiply 50 by 45 it makes 2250, which divided by 750, the Quotient is 3; which shews that the In-

terest of 50 1. for a Year is 3 1.

How to work the Reverse Rule.

The Rule of Three Reverle, is, when in the third Number more does require less, or less requires more; And then the Rule is thus,

Multiply the first Number by the Second, and divide the Product by the Third, the Quotient Shall be the Fourth Number Sought after - Which always (as in the Direct Rule) shall be of the Jame Denomination with the second Number. - For Instance.

If 24 Pioneers require 16 Months to dig a Retrenchment about a Town; how many Pioneers must there be imployed to dig the like Trench in four Months?

In flating this Question you must note, That 24, though it be first named, is not the first Number; because the middle Term or Number must always be of the same Denomination with that which is sought; therefore the three Numbers put in Order stand thus,

Months.

Months.

Pioniers.

Months.

Here 'tis plain less requires more; That is, less Time, more Hands; therefore it must be wrought by the Rule Reverse. And accordingly Multiply 24 by 16, and divide the Product by four, the Quotient is 96. And so many Pioniers must be employed to finish the Trench in sour Months.

The Forms of Bills, Bonds, Acquittances, Releafes, Letters of Attorney, &c.

A single Bill for Mony without a Penalty.

Now all Men by these presents, That I Adam Jones of Hereford, in the County of Hereford, Husband man, do owe and stand Indebted unto William Goodman, the Sum of Ten Pounds Six Shllings and Eight Pence, of good and Lawful Mony of England, to be paid unto him, the said William Goodman, his Heirs, Executors, Administrators, or Assigns, at or upon the first of January next ensuing the Date hereof: In Witness whereof I have hereunto set my Hand the 20th Day of September, Anno Domini 1689.

Witness, Arthur Billing. Adam Jones.

It is to be noted that Bills without Penalties are rarely Sealed.

The Form of a Bill with a Penalty.

B E it known unto all Men by these presents, That I Waiter Erby of the Paristo of St. Martins in the Fields in the County of Midalejex, Gentleman, do Owe and stand Indebted unto Roger Eaton of the same Parish, Grocer, the Sum of Forty Pounds of Lawful Mony of England, to be paid unto the said Reger Eaton, his Heirs, Executors, Administrators, or Assigns, on the 25th of December next, Ensuing the Date hereof; Which Payment well and truly to be made, I bind my self, my Heirs, Executors, or Administrators, in the Penal Sum of Eighty Pounds of the like Lawful Mony, firmly by these presents: In Witness whereof, I have set my Hand and Seal the Fourth

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ft it; Day of October, in the first Year of the Reign of our Sovereign Lord and Lady, King William and Queen Mary, King and Queen of England, &c. Anno Dom. 1689.

Signed, Sealed, and delivered in the prefence of lames Dowel.

Walter Erby.

And in this manner you may include two or more in a Bill, by changing I into We, and My into Our.

The Form of a Bond, Latin and English, from one to another.

Overint Universi per presentes me Jacobum Dalton de parochia sancti Ægidii in campis in comitatu Middlesexiæ Generosum teneri & firmiter obligari Willielmo Melvin Londini Armigero in centum Libris Bonæ & Legalis Monetæ Angliæ solvend. Eidem Willielmo Melvin, aut suo certo Attornato, Executoribus, Administratoribus, vel Astignatis suis, ad quam quidem solutionem bene & sideliter faciendam obligo me Hærdes, Executores, Administratores meos sirmiter per presentes Sigillo meo Sigillat dat.primo de Octobris, Anno Regni Domini & Dominæ Willielmu & Mariae Dei Gratia Angliæ, Scotiae, Francia & Hiberonae Regis & Reginæ, Fidei Desensor. ©c. Primo, Annoq; Dom. 1689.

The Condition of this Obligation is such, that if the above bounden James Dalton, his Heirs, Executors, or Assigns, shall well and truly pay or cause to be paid to the above named William Melvin, his Heirs, Executors, or Adminstrators, the Sum of Fisty Pounds of Good and Lamful Mony of England, in or upon the Twentieth Day of December next ensuing the Date hereof, without Fraud or farther Delay, then this Obligation to be Vaid and of none Effect; or else to be and remain in tull Force and Virtue.

Sigillat. & Deliberat. in Prefentia Abel Tillor. James Dalton.

An Obligation from two to one, called commonly a double Bond.

Noverint Universi per presentes, nos Johanem Billing & Thomam Seanford de Parochia Sancti Clementis Dacor, in Comitatu Midalesexia, Aurifabros teneri & firmiter Obligari Thomae Billing de Parochia

roch Sancti Martini in Campis in Comitatu Middiesexia, in Viginti Libris Bonæ & Legalis Monetæ Angliæ, Solvend. Eidem Tho. Billing aut suo certo Attornato, Executoribus, Administratoribus, vel Assignatis, suis ad quam Quidem solucionem bene & sideliter faciendam Obligamus, nos & utrumque nostrum perse pro toto & in Solido, Hæredes, Executores, Administratores, nostros & utrumq; nostrum firmiter per presentes. Sigillis nostris Sigillat dat. primo die Decembris, Anno Regni Domini & Dominæ Willielini & Marie, Dei Gratia Angliæ, Scoriæ, Franciæ, & Hiberniæ Regis & Reginæ, Fidei Defensor. Ge. Primo, Annoq; Dom. 1689.

The Condition of this Obligation is such, That if the above bounden John Billing and Thomas Stanford, or either of their Heirs, Executors, or Administrators, do well and truly pay, or cause to be paid unto Thomas Billing, his Heirs, Executors, Administrators, or Assigns, the full Sum of Ten Pounds, of Good and Lawful Mony of England, on the First of January next ensuing the Date bereof, without Fraud or Delay; then this Obligation to be Void and of none Effect, or else to stand and be in full Force and Virtue,

Sigillat. & Deliberat. in Prefentia William Forman, &c.

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John Billing. The. Stanford.

In this manner you may put a greater number into a Bond or Obligation, and it will it and good in Law, no time expiring it, unless paid, &c.

The Form of a General Release.

Now all Men by these presents, That I William Low of London, Draper, have Remised, Released, and for ever quitted Claim for me, my Heirs, Executors and Administrators, and by these presents do Remise, Release, and for ever quit Claim unto John Wills of the Parish of St. George Southwark, in the County of Surry, Victualer, his Heirs, Executors, and Administrators, All and all manner of Actions, Cause and Causes of Actions, Debts, Actions, Sum and Sums of Mony, Judgments, Executions, Extents, Quarrels, Controversies, Trespasses, Damages and Demands whatsoever, both in Law and Equity, which against the said John Wills, I ever had, now have, or which I, my Heirs, Executors, or Administrators shall or may have, Claim, Challenge or Demand, for, or by Reason, Colour, or means of any Matter, Cause, or Thing, from the beginning of the World, to the day of the date of this

this presents: In Witness whereof, I have hereunto set my Hand and Seal the Seventh Day of October, in the first Year of the Reign of our Sovereign Lord and Lady, King William and Queen Mary, King and Queen of England, Sc. And in the Year of our Lord God, 1639.

Signed, Sealed, and Delivered in the Prefence of A. B. T. G.

William Low.

The Form of a Letter of Attorney.

K Now all Men by these presents, That I James Ree of Bucks, in the County of Bucks, Yeoman, have for fundry good Causes and weighty Considerations, Nominated, Constituted, Ordained, and Appointed, and by these presents do Nominate, Constitute, Ordain, and Appoint my trufty and well beloved. Friend, William Gore of London, Gentleman, my True and Lawful Attorney, to Ask, Demand, Levy, Recover, and Receive for me, and in my Name, and to my Use and Behoof, giving, and by these presents granting to my faid Attorney, my fole and full Power and Authority, to Sue, Arreft, Implead, Imprison, and Condemn any Persons Owing or being Indebted to me in any Sum or Sums of Mony, their Heirs, Executors, or Adminiltrators, and again out of Prison to deliver at his discretion; and upon the Receipt of any Sum or Sums of Mony due unto me, the faid James Roe, to give a Legal Acquittance or Acquittances, Discharge or Discharges for me, and in my Name, to make Sign, Seal and Deliver; as also one or more Attorney or Attorneys, under him to Substirute or Appoint, and again at his pleasure to Revoke, and further to do, execute, perform and finish for me, and in my Name, all and singular thing or things, which shall or may be necessary, touching and concerning the Premises, as fully, throughly and entirely as I the said Fames Roe in my own Person might, or could do in or about the same. Ratifying, allowing and confirming whatfoever my faid Attorney shall do or cause to be done in the Premises by these presents. In Witness whereof, I the faid Fames Roe, have hereunto fet my Hand and Seal, the 29th Day of October, in the First Year of the Reign of our Sovereign Lord and Lady, King William and Queen Mary, King and Queen of England, &c. and in the Year of our Lord God, One Thousand Six Hundred Eighty Nine.

James Roe.

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The Form of an Indenture for an Apprentice, and may indifferently serve for either Sex.

This Indenture Witnesseth, That T. G. the Son of W. G. late of the City of York hath put himself and the City of York hath put himself the City of Tork, hath put himself, and by these Presents doth voluntarily and of his own free Will and Accord, put himfelf Apprentice to James Walters of London, Mercer, to learn his Trade or Myftery, and after the manner of an Apprentice to ferve him from the day of the Date hereof, for and during the term of Seven Years next Enfuing, during all which term, the faid Apprentice, his faid Mafter faithfully shall serve, his Secrets keep, his Lawful Commands every where gladly Obey; he shall do no Damage to his faid Matter, nor fee it to be done by others, without letting or giving notice thereof to his faid Matter. He shall not watte his faid Matter's Goods; nor lend them unlawfully to any: He shall not commit Fornication, nor contract Matrimony within the faid Term. At Cards, Dice, or any other Unlawful Game, he shall not play, whereby his faid Matter may be damaged, with his own Goods, nor the Goods of others: He shall not ablent himself Day nor Night from his Matter's Service without his leave, nor haunt Ale houses, Taverns or Play-houses, but in all things behave himself as a Faithful Apprentice ought to do during the said Term: And the faid Mafter shall use the utmost of his Endeavor to Teach, or cau'e to be Taught or Instructed, the said Apprentice in the Trade or Mystery he now followeth, and procure and provide for him sufficient Meat, Drink, Apparel, Lodging and Washing titting for an Apprentice, during the faid Term; and for the true performance of all and every the faid Covenants and Agreements, either of the faid Parties bind themselves unto the other by these Presents. In Witness whereof, they have interchangeably put their Hands and Seals this Fourteenth day of December, in the First Year of the Reign of our Sovereign Lord and Lidy, King William and Queen Mary, King and Queen of England, Oc. Anno Dom. 1589.

Note, That in this matter there must be a pair of Indentures, one Signed by the Mester, and the other by the Apprentice, and delivered Interchangeable.

A Copy of a WILL.

In the Name of God, Ainen. The First Day of July 16 according to the Computation of the Church of England, I Edward Non-such of Kings-Lyn in the County of Norfock, Gent. being of perfect 1113

Memory and Remembrance, praifed be God, do make and ordain this my last Will and Testament, in manner and form following,

First, I bequeath my Soul into the Hands of Almighty God my Maker, hoping that through the Meritorious Death and Passion of Jefus Christ my only Saviour and Redeemer to receive free Pardon and Forgiveness of all my Sins; and as for my Body to be Buried in Christian Burial at the discretion of my Executrix hereafter nominated.

Item, I give unto my Son Edward Nonfuch the Sum of Five Hundred Pounds. Item, I give unto my Daughter Short the Sum of Five Hundred Pounds. Item, I give unto my Daughter Julian, the

Sum of Five Hundred Pounds.

Item, all the rest of my Houses, Leases, Lands, Tenements, and Goods whatsoever, I give unto Susan my Wife for term of her Life, and then to my Son Edward and his Heirs for ever, upon Condition that she shall pay all my Debts and Legacies, and make her sole Executrix of this my last Will and Testament, revoking all other Wills and Testaments.

In Witness whereof I have hereunto fet my Hand and Seal the Day and Year first above written.

The Form of a Deed of Gift.

To all Men to whom these Presents shall come, Greeting: Know ye, that I W. W. for the Love, good Will and Affection, that I bear towards my loving Kinfman, L. W. of D. Gc. have given and granted, and by these Presents do freely, clearly and absolutely give and grant the faid L. W. all and fingular my Goods, Wares and Houshold Furniture, Stuff, Jewels, Plate, ready Mony, Leafes, Chattles, Implements, and all other things alive or dead, as well moveable as immoveable, both real and perfonal, whatever they be, or in whofe Hands, Cuttody or Possession soever the same, or any of them, or any part thereof, can or may be found remaining or being, as well in the Meffuage or Tenement, with the Appurtenances wherein I do dwell, as in any other Place or Hoafe whatfoever within the, Ge. to have and to hold all the Goods, Chattels. Implements, Houshold stuff, and all other the Premites to the faid L W. his Heirs, Se. from henceforth to his and their own proper life, and as his and their own proper Goods, fo absolutely, without any manner of Condition, I the said W. W. have fet and put hereunto my Hand and Seal this Fifth of September, Gc.

Note, If Many be owing to the Donor, let a Letter of Attorney be competended in the Deed; or if Goods and Chattles, a Covenant of Delivery, and are Inventory of Parcels to prevent imbezelling.

The Copy of a Letter of LICENSE.

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TO all People, to whom this prefent Writing shall come. We. the Creditors of 3. 3. of London, Merchant, fend greeting: Whereas the faid Fohn Johnson, at this present time, doth stand indebted, and justly oweth unto us the faid Creditors of him the faid 3. 3. divers and fundry Sums of Mony, Sc. Which by reason of many Debts, and fome of them very great, that are likewife juitly owing unto him, and cannot be had or recovered without fome Respit of Time, and some of them not without Suit, he is very much diffinabled at prefent to make Payment unto us the faid Creditors our whole and just Debt, as he seemeth willing and desirous; in consideration, whereof he initantly defireth us, That we the faid Creditors, and every of us, would be pleafed to give and grant unto the faid 7. 7. his Executors, Administrators, or Assigns, such Liberty and Respit of Time for the Payment and Satisfaction of our feveral Debts, as he thinketh reasonable for the obtaining, getting, and recovering of his faid Debts, &c. That we and every of us would be content to take, and accept of our whole Debts in ---- to be divided inparts, to be paid at ----- feveral Payments, in manner and form following; viz. The first Payment thereof to be ---- and the tisfaction of the faid feveral Debts: And for the more full Performance of the faid feveral Payments aforefaid, in fuch manner and form as is above-limited and declared, according to the true meaning of these Prefents, he the faid 7. 7. shall and will, at or before the become bound unto us the faid Creditors respectively, by one Obligation in due form to be made, including all and every the Payments in fuch fort as is above limited, at some convenient Place or Placesby every of us the faid Creditors to be nominated and appointed, and the Penalty of every Obligation, to be double the whole Sum included in the Condition of the fame to be delivered to us, and every of us, our Executors or Affigns, at or before the ----next enfuing the Date hereof: Know ye therefore, that we the faid Creditors, whose Names are here under-written, and every of us for his own part, and for his Executors, Admini rators, and Affigns, for the Confideration abovespecified and expressed, do by these Presents willingly Consent, Covenant, Promise, and Agree to and with the said 3. 3. his Executors, Administrators, and A ligns, by these Presents, That we the faid Creditors, and every of us, our Executors, Administrators, and Aligns, shall and will accept of the faid 7.7. his Executors, Administrators, and Affigns, all and every of the faid Debts and Sums of Mony by the fail J. J. unto us, and every of us, owing and paying upon fuch Obli-1.1; 4 gations.

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Bations, Affurance and Affurances, as aforefaid, to be paid in fuch manner and fort, and at fuch days and times, as is above-limited and required. And further, that we the faid Creditors, and every of us, our and every of our Executors, Administrators, and Assigns respectively, upon the delivery of the faid Obligation to us, p and to every of us, and every of our Executors, Administrators, and Affigns, shall and will at the Charge of the faid J. B. his Executors, Administrators and Affigns, Seal, Subscribe, and in due form of Law deliver to the said 7. B. our sufficient General Release, to be rendred by him the said 3. B. his Executors, Administrators, or Assigns, to bear Date and Limitation before the Day of the Date of this New Obligation, to be made for the fame Debt. In Witness whereof, we have hereunto set our Hands and of the Reign of our Sovereign Lord and Lady King William and Queen Mary, of England, Scotland, France and Ireland, Defenders of the Faith, &c. and of our Lord God, Anno

Of DOCKS, &c.

Hele Docks or Harbors are cut into the Land without farther Currene, and are useful for the convenient lying of Veffels, Hours, Lighters, Barges, Boats, &c. in order to the convenient delivery of Provision, as Victual, Fuel, &c. to the adjacent Inhabitants. They are in number very many. — Some of the chief are, Scotland-Dock, adjoining to Worte-Hall; — White-Fryars Dock, Puddle-Dock, at the West-end of Thames-street ; - Queen-Hith-Dock, a Place of much Trade for ground Corn or Meal, which is brought out of the West-Country thither in great Quantities; Billing gate-Dock, a Place of great Trade, and where Ships of confiderable Burthen may Harbor; - Sabbs-Dock, Tomer-Dock, St. Katharines-Dock, - Hermitage-Dock, - Execution-Dock; which though it be of later Years fitted up, retains to this day the former Name which it received, because it was the only place for Executing Pyrates and Sea-Robbers, which is usually done by hanging them on a Gibbet erected at Low-water-mark - Limebooke-Dock. And on the South floar are Clink Dock, and St. Saviours Dock - There are, besides these, many Docks for private Use; as for Repairing of Ships and Vessels, which we omit.

Under this Head of TRADE, and in this place, it may not be improper to give a Brief Account of the Porters of London, who are not incorporate Componies, but Brotherhoods, whose Original and Government are by Ads of Common Council. They are of two forts.

1. Ticket-Porters, who do take up, weigh, load, and house all Merchants Goods, as Cloth, Fruit, Sugars, Oils, Wines, Metals, &c. and have to their Govenor Sir Thomas Allen: These are very numerous;

Their Quarteridge is 4 d. each.

2. Fellowship Porters. — To these belong the shoaring, or landing, housing, carrying, or re-carrying all measureable Goods, as Corn, Salt, Coals, &c. Their chief Governor is the Alderman of Billing state-Ward, who is at present Sir William Ashwest. These are in Number about 700, and their Quarteridge is 12 d. each — These and the former have very good Government and Orders among themselves; and before any is admitted to that Employ among them, they pay a Fine. — The Ticket-Porters give good Security for their Honesty and Fidelity, so that no more need be done, but to take notice of his Name, which is stampt on his Ticket that hangs at his Girdle, and repairing to their Governor, satisfaction may be had for any wrong or unit behaviour, &c.

There is a very remarkable Custom among the Fellowship-Porters, as an Ingenious Person that belongs to their Society informed me, which

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The next Sunday after every Midsummer-day, they have a Sermon Preached to them, so order'd by an Act of Common-Council, in the Parish Church of St. Mary-on-the-Hill: preparative to which, this Order is observed; They surnish the Merchants and their Families about Billingsgate with Nosegays or Poses over night, and in the Morning they go from their Common-Hall, or place of Meeting in good Order, each having a Posie or Nosegay in his Hand; They walk through the Middle Isle to the Communion-Table, where are two Basons, and every one offers something to the Relief of the Poor, and towards the Charges of the Day. After they have all pair, the Deputy, the Merchants, their Wives, Children, and Servants, do all come in Order from their Seats, and bestow their Offerings also; which is a Ceremony of much variety. I am certainly informed, that the very Charges of their Nosegays cost them, in one Year, not long ago, near Twenty Pound.

Coal-Market.

At the Head of Billinz squee-Dock is a square Plot of Ground compassed with Posts, known by the Name of Roomland, which, with the adjacent part of the Street. hath been the usual place where the Ship-Matters, Coal-Merchants, Woodmongers, Lightermen and Labourers, do meet every Morning, in order to the Buying, Selling, Delivering and taking up of Sea-Coals and Scotch Coals, as the principal Market. This Coal Market was kept on Great Tower-Hill in the time of the City's late Desolution.

Corn-

Corn-Market.

Upon Bear-Key, between Sabbs-Dock and Porters-Key, is the usual place or chief Market for Corn, which is bought and fold there every day, but principally Mundays, Wednesdays and Fridays, which are the Market-days, where great quantities of all kind of Grain are bought and fold by small Examples, commonly called Samples, whether it be lying in Granaries or Ships, and, it (viz. Bear-Key) is the principal place where the Kentish and Essay Vessels do lie.

Fish Market.

The Fresh Fish-Market is kept at Billing spate, Mondays, Wednesdays and Fridays.

The Rates and Orders of Coach-men.

BY an Act of Parliament made in the 14th Year of King Charles II. it is appointed. That no Person or Persons, after May 1. 1662, thall prefume to Drive, (except Stage-Coaches.) or let to Hire by the Hour or Day, or otherwife, any Hickney Coach or Coach Horfes, within the Parishes comprised within the Bills of Mortality, without an Especial License from the Commissioners appointed by his Majesty for Licenting and Regulating Hackney-Coaches. That no Horfe, Gelding or Mare to be used with such Coaches be under 14 Hands high, according to the Standard. That the Number of Coaches fo Licenfed, shall not exceed 400. That every Coach fo Licensed shall have a Mark of Diftinction, by Figure, or otherwife, as the Commissioners shall think fit, to the end they may be known, if any Complaint shall be made of them. That no Person shall be Licensed to keep more than two Coaches, which Coaches thall have feveral Figures or Marks of Di-Hinction, as if belonging to feveral Perfons. That no Perfon shall put that Figure or Mark upon his Coach which is appointed for any other, under the forfeiture of five Pounds. That no Person shall be Licensed to drive or keep a Hickney-Coach, or Coach Horfes, that uses any other Trade or Occupation. That first such as have been ancient Coachmen, or fuch Coach men who have fuffered for their Service to Their Majeffies, or his Father, or the Widows of fuch (that have Coaches of their own) be Licensed. That the Commissioners forfeit One hundred Pound for every Coach they License above the Number of Four Hundred.

That no Hackney Coach man fo Licensed shall presume to take for his Hire in and about the Cities of London and Westminster, above Ten Shillings for a Day, reckoning 12 hours to the Day; and by the Hour, not above Eighteen pence for the first Hour, and Twelve pence for every Hour after; nor for his Hire, from any of the Inns of Court, or thereabouts, to any part of St. James's or Westminster, (except beyond Tuttle-street) above Twelve pence; and the like from the same places to the Inns of Court, or thereabouts, to the Royal-Exchange, more than Twelve pence; but if to the Tower, Bishopsate-street, Aldgate, or places thereabouts, Eighteen pence; and so from the same places to the said Inns of Court, as aforesaid. That the like Rates be observed to or from any place at the like distance with the places before named. That if any Coach-men shall resule to go at or exact more for his Hire than these Rates, he shall for every Offence forseit Ten Shillings.

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The Rates and Orders for Carr-men.

A Ta General Quarter Sessions of the Peace-holden for the City of London, (the 10th Day of October, in the 29th Year of King Charles II. Sir Tho. Davies then Lord Mayor) at Justice-Hall in the Old-Barley, the following Rates and Orders were appointed for Carrmen.

Rates for Carr-men.

ALL Carremen Trading or Working with Carts in the City of London, and Liberties thereof, shall and may demand and take for every Carriage or Load of the Commodities under-mentioned, the Rates hereafter following; That is to fay,

From any of the Wharfs between the Tower and London-Beidge to Tower-street, Grace-Church-street, Fen-Church-street, Bishops ate-street within, Cornbis, and places of the like distance upon the Hill, with 18 hundred weight, not exceeding 20 hundred weight

And being above 20 hundred weight, for every hundred—

In which may be included.

Two Puncheons of Prunes, 2 Bales of Mather, 20 Barrels of Figs, 2 Fats of Fuftians, 6 ordinary Sacks of Cotton-Wools of Smirra, and 3 Cyprus Bags, a Butt of Currans, a great Butt of Oils, 3 Chefts of Sugar, 8 Bags of Allums I Laft of Flax, 1 Laft of Hemp, and any other Goods herein not named, of the like weight, for every Load—

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And for Sea-Coals, 14 pence the Load, and every Load to be half a Chaldron; and for one Hundred of Fagots the	2
like Rate	
And from any of the Wharfs aforefaid, to Broad-street, Loebbury, Old-Jury, Bassishaw, Coleman-street, Iron-monger-lane, St. Laurence-lane, Milk-street, Alderman-bury, Cheapside, Wood-street, Friday-street, Bread-street, and places of like dittance, for the like weight of 18 12 Hundred, not exceeding 20 Hundred Weight, for the Goods aforesaid, and other Goods herein not named, of the like Weight, for every Load	6
And being above 20 hundred Weight, for every Hundred 0	2
And for Sea Coals, fixteen pence the Load, every Load to?	
to be half a Chaldron; and for one Hundred Fagots the	4
Also from any the Wharfs aforesaid, to Smithfield-Bars,	
Holborn-Bars, Temple-Bar, or any of the Bars on the	
North fide of the City, and places of like diffance up >3	4
the Hill, with 18 hundred Weight, not exceeding 20	
hundred Weight, for every Load	1
And going beyond the faid places, the Parties to agree with	the
Carr-men.	
Also from any the Whars aforesaid, to Tower-street, Bi-7	
floopigate within, Cornbill, and other places of like di-	10
flance up the Hill, with 14 hundred Weight, not exceed	
ing 18 hundred Weight	
In which may be included	
Twenty pieces of Raisins, a Load of Raisins of the Sun, 6	
Bags of Pepper, 6 ordinary Bags of Galls, 6 Bales and 3	
Barrels of Indigo, 6 Bales of Grogram-Yarn, 6 Bales of	
Turky Silk, 5 Hogsheads of Cloves, 4 Bales of Callicoes, >1	10
3 Hogsheads of Wines, 2 Chefts of Sugar, or any other	
Goods of the like weight, 5 Hogsheads of Tobacco, not	
exceeding 18 hundred Weight	
Also from any the Wharis aforesaid, to Broad-street, Loth-	
bury, Old-Jury, Baffishaw, Coleman freet, Ironmonger-	
lane, St Laurence-lane, Milk freet, Aldermanbury, Cheap-	0
fide, Wood firect, Friday-fireet, Bread-fireet, and places	
of the like diffance, for any of the faid Goods of the fame	
quantity and weight, for every Load————————————————————————————————————	
Alfo from any the Wharfs aforefaid, to Tower-street, Grace- church street, Fan church-street, Bishop gate-street with	
in, Cornbill, and other places of like diffance up the Hill	6
with 8 hundred Weight, not exceeding 14 hundred)	
Weight	In

In which may be included	
All Butts and Pipes of Wine, or a Pipe of Oil, Packs of Canvas, 2 Hogsheads, or 3 Terces, a Fat of Fuitians, and all other Goods of the like Bulk and Weight, for every Load	6
And from any the Wharfs aforefaid, to Broad-fireet, Loth-	
bury, Old-Jury, Baffishaw, Coleman-street, Ironmonger- lane, St. Laurence-lane, Milk-street, Aldermanbury, Cheapside, Wood-street, Friday-street, and other places of like distance, for any other Goods of like Load or Weight, for every Load	8
Also from London-Bridge-foot, Westward to the Old Swan,	
Cole-Harbor, the Three Cranes, Queen-Hith, Broken-Wharf, Puddle-Wharf, the Wardrobe, and to all other places not exceeding the Poultry, Cheapfide, or Neurgate-Market, for 13 hundred Weight, not exceeding 18 hundred Weight	10
And for Sea-Coals, 14 pence the Load, every Load to be?	
half a Chaldron; and for one hundred Fagots the like	2
And from all other Wharfs and places between London?	
Bridge and Temple-Bar, to the fame, and places of like	2
distance, for every Load of Coals 14 pence, every Load	
to be half a Chaldron; and 100 of Fagots the like Rate	
And to all places Northwards of the Poultry, Cheapfide, Newgate-Market, Holborn-Bridge, and Fleet-fireet, for 14 hundred Weight, not exceeding 18 hundred Weight.	. 2
And from Tower-street, Grace-Church-street, Fan-Church-	
freet, Bishopsgave-street within, Cornhill, and other	
places of like diffance, for every Pack of 20 Cloths, for	4
6 Bales of Cloth and Kerfeys, 6 Bales of Pepper, 6 Barrels of Indigo, 5 Hogsheads of Cloves, and for other Goods	
not herein mentioned, of like Weight to the Water-fide -	
And from Broad-street, Lothbury, Old-Jury, Bassisham,	
Coleman-street, Ironmonger-lane, St. Laurence-lane, Milk- fireet, Aldermanbury, Cheapside, Wood street, Friday-	. 8
freet, Bread-freet, and other places of like diffance, to	
the Water-side, for the like Weight	
And for places nearer, or of less distance, the Parties hiring,	and
to be hired, are to make Agreement answerable or proportionab	e to
the Rates before mentioned	

23

Orders for Carr-men.

THe Carremen for the foregoing Rates are to help load and unload their Carres.

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If a Carr-man exact more than these Rates, upon due proof before the Lord-Mayor, or any two Justices of the Peace, he shall suffer Imprisonment for the space of 21 Days, without Bail or Mainprise.

If any Merchant, or other Person, shall resule to pay a Carr-man for his Hire after these Rates, upon Complaint made by the Carr-man to the President of Christ's-Hospital, or any Justice of the Peace, the President or Justice may oblige them to do it.

All Merchants, or others, may chuse what Carr they please, except such as stand for Wharf-work, Tackle-work, Crane-work, Shop and

Merchants Houses, which are to be taken in turn.

Every Carr-man flanding with his empty Carr next to any Goods to be loaden, shall upon the first demand load the same without bargaining for any other Wages than the Rates before-mentioned.

If a Merchant, or other Person, shall cause a Carr-man to attend at his House, Shop, Ware-house, or Cellar, with his loaden Carr, above half an hour before he unloads, (the Carr-man being willing to help to unload the same) he shall pay the Carr-man after the rate of Twelve pence for every hour after the first half hour, for his Attendance.

Every Licenfed Carr-man is to have a piece of Brass fixed upon his Carr, upon which is to be set a certain Number, which Number (together with the Carr-man's Name) is Registered in a Register kept in Christ's Hospital; so that if any Carr-man offends, it is but taking notice of the Number of his Carr, and search for that in the said Register, and you will find his Name.

Every Carr-man that shall not conform to these Rules, or Work without a Numbred piece of Brass fixed on his Carr, may be suspended

from his Employment.

Complaints of the Abuses of Carr-men may be made every Tuesday, at Two of the Clock in the Asternoon, to the Court sitting in Christ's Hespital.

The Rates or Fares of WATER-MEN, As they were set forth by the Lord Mayor and Court of Aldermen, Sept. 7. 1671. Ours. Skul.

FRom London to Limebouse, New-Crane, Shadwel-s. d. s. d. S.

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To Wapping-Dock, Wapping-New, and Wapping Old-	U	ars	. Sk	ui:
Stairs, the Hermitage, Rotherhith Church Stairs, and Rotherhith Stairs				
From Co Oleman to Barbardial Church Comman I Dad	0	0	0	3
From St. Olaves to Rotherhith Church Stairs, and Rother- bith Stairs		6	1	-
From Billing sgate and St. Olaves, to St. Saviour's Mill-	0	6		3
All the Stairs between London-Bridge and Westminster -	0	0		3
From either fide above Lundon-Bridge, to Lambeth and	0	0		3
Fox-Hall	1	0	. 0	6
From White-Hall to Lambeth and Fox, Hall-	0	6	0	3
From Temple, Dorfet, Black-Friars Stairs, and Pauls-				
Wharf, to Lambeth-	0	8	0	4
Over the Water directly in the next Skuller, between London-Bridge and Limehouse, or London-Bridge and				
Fox-Hall-	0	6	0	2
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Rom London to Gravesend		d.	3.	
. Rom London to Gravejena	4		0	
T = - 1 - C - Cuant bear			0	8
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From London to Graife, or Green-hive	2	0	0	6
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Rates for carrying Goods in the Tilt-Boat, between Gravefend and London.

From London to Windfor -

A half Firkin 1 d. a whole Firkin 2 d. a Hogshead 2 s. A hundred weight of Cheese, Iron, or any heavy Goods, 4 d. A Sack of Salt or Corn, 6 d. An ordinary Chest or Trunk, 6 d. An ordinary Hamper, 6 d. The Hire of the whole Tilt-Boat, 1 l. 2 s. 6 d. Every single Person in the ordinary passage, 6 d. Whar

What Water-man takes and demands more than these Rates, lies liable to pay Forty Shillings, and suffer half a Years Imprisonment.

And if he refuse to carry any Passenger or Goods at these Rates, upon Complaint made to the Lord-Mayor and Court of Aldermen, he shall be suspended from his Employment for Twelve Months.

FINIS.

Advertisements.

Father Account of the Tryals of the New-England Witches, with the Observations of a Person that was upon the place six or seven days, when the suspected Witches were taken into Examination: To which is added, Cases of Conscience concerning Witcherasts, and Evil Spirits personating Men. Written at the Request of the Ministers of New-England, by Increase Mather President of Farnard College. Printed for J. Dunton at the Raven in the Poultry, where may be had the Third Edition of Mr. Cotton Mather's sirit Account of the Tryals of the New-England Witches, printed on the same size with this last Account, that they may bind up together.

2. A New Discovery of that unknown part of the Earth, call'd, Terra Incognita Australis, or the Southern World. By James Sadeur a French man: Who being cast there by a Shipwrack, liv'd 35 Years in that Country. These Memoirs were thought so curious that they were kept Secret in the Cabinet of a late great Minister of State, and never publish'd till now since his Death. Translated from the French Copy printed at Paris by publick Authority. Licensed and Entred according to Order. Price Bound One Shilling. Both printed for John

Dunton at the Raven in the Poultry.

A Collection of Modern Relations of matter of Fact, concerning Witches and Witcheraft upon the Persons of People. To which is prefixed a Meditation of the Mercy of God, in preserving us from the Malice and Power of Evil Angels. Written by the late Lord Chief Justice Hale, upon occasion of a Tryal of several Witches before him. Part the First.

Athematical Divinity: Or, a plain Demonstration from the Holy Scriptures, that the Times of this World, were Foreappointed by the Covenant made with Abraham; and determined to be according to the Measure of the Age and Fulness of Christ. Secret fince the World began, but is now made plain upon Twelve Tables, in a Solar Calendar, as familiar to the Understanding as a common Almanack. With a full Proof, that this is the last Generation, which shall not pass away till all things be suffill'd, and the Gates of Righteousness be open'd. Being the Result of many years study. By Elias Palmers. Both these Printed for John Harris in the Pouliry. 1693. Price 1 s.



PANARITH MOLOGIA,

BEING

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Breviate
Treasure
Mate

Merchants,
Bankers,
Tradesmen,
Mechanicks,

AND

A Sure GUIDE for Purchasers, Sellers, Or Mortgagers of Land, Leases, Annuities, Rents, Pensions, &c.

In present Possession or Reversion.

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Fitted for

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All which TABLES are made Easie by Variety of EXAMPLES

Calculated and Published by W. LEYBOURN.

To which is added a Necessary Appendix. Containing Heads of Daily Use to all Traders.

London, Printed by T. J. for John Dunton at the Raven and John Harris at the Harrow, in the Poultrey. 1692.

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Butter and fuch Goods the Barrel - 00 0
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For every Bill of Sufferance, or Bill of Store above 1 of Ten Shillings in the Book of Rates
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The Fardle or Trus by English of 300 weight or upwards oo
Woollen-Cloth, the Bale not exceeding five Cloths or 3 three hundred weight, Stuffs, Bayes or Sayes
Merchant-Strangers, Unfreemen of London, or fuch as Shi
The Fardle or Trufs

Signed by virtue of an Order from the House of Commons, Dated May 17. 1662.

E. Turner.

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Bills of Exchange, what they are, together with their Power and Efficacy, the manner of drawing them, and managing them to the best Advantage, in the way of Trade.

Seeing there are but few Traders that deal any thing confiderable, altogether freed from receiving or paying, at one time or other. Bills of Exchange; and for that the manner and method to be observed therein, is not altogether common, I have thought it convenient to give the best Directions, for the security of the Person that draws the Bill, he that pays it, and he that receives it; and of these in their Order.

As for a Bill of Exchange, by long Custom and the conveniencies that accrue thereby, it is at this day held to be so excellent a spe-

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cialty, that it carries along with it, as it were, a commanding Power, being taken notice of, and for the most part, fatisfied with such exactness, that nothing can be more, tho drawn by a Factor, or Servant upon the greatest of Traders; for upon the payment there. of depends in a manner, the Credit of him that draws it, and him mon whom it is drawn: By reason of Non-payment, a Protest is made, which in a short time, being at least whispered abroad, makes others cautious how for the future they deal with those Men, and outs the former likewise to Charges, by having the Protest return'd with his Bill, &c. And of these Bills there are two forts, the tending to one and the fame purpose, (viz.) Out-land and In-land Bills. As for the first fort, they are drawn upon Merchants, Bankers, &c. living in Transmarine parts. The second upon Merchants, Bankers, or Dealers in the same Country, tho distant from each other, and are drawn upon Sale of Lands, Bargains, Traffick and many other occafions, requiring the returns of Mony, but are in weight alike in due observance.

As to an Exchange, four, three, or two Persons may be reasonably concerned. (viz.) Two at the place where the Mony is taken up, and two where it is payable; as thus, First, the Person that Delivers. Secondly, he that Receives. Thirdly, he who is to take the Mony. And lastly, the Person unon whom the Bill is drawn; or in ale of three Persons, thus: First, the Taker. Secondly, the Deliterer. And Thirdly the Person on whom the Bill is drawn. If two Persons, then First the Drawer; and Secondly, the Person on whom it is drawn; the former ordering the Bill payable to himself, or, &c.

There is likewise another fort of Exchange, and that is called a dry Exchange; and this is only to evade the Statute of Extortion. and is thus managed. If a Person has present occasion for a sum of Mony, he repairs to a Banker, and there is furnished, upon giving a Bill of Exchange to repay it at Amsterdam: But the Bill becoming the, and no fuch Payment made; for indeed, he who draws the bill hath no Correspondent in the Place mentioned, to receive it, a Protest comes over with the Bill, and so the Mony is paid by the Drawer, with Costs. And much to the same purpose is another my, called the Feigned Exchange; but that not being to my purpole, I shall omit it, and come to what is more useful in way of Trade.

As for the Pair, it is nothing more than reducing Foreign Coin to n English value. I have already mentioned it; and for the Form of an English Bill of Exchange, it is thus, if In-land.

Laus Deo. In London this 30th of November, 1687. For Fifty Pounds Sterling.

A T Six days fight, pay this my first Bill of Exchange to Mr. James Turner, or his Assigns, Fifty Pounds Sterling, for the value here received of Mr. Richard Wadsworth, and put it to Account, as by Advice.

Your Friend,

To Mr. Samuel Arnold, Mercer. d. d. Pmain York.

Tho. Duke.

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If it be an Out-land Bill, it differs only in place, and very feldom in the Form; however, you must expect to have a Letter, signifying, that such a Bill is drawn upon you, expressing the Contents, and upon what Account, which is commonly called a Letter of Advice, and is to prevent any Persons forging a Bill upon you, and the Letter is frequently sent before, though sometimes with the Bill inclosed in it, when there is no scruple in the Fidelity of the Taker, or Party to whom the Bill is directed. And if a second Bill come, then you must have it subscribed (viz.) my first Bill not being paid, pay this my second Bill, &c. and so to the third: And if he that underwrites the Bill makes himself Debtor, then must it be expressed, (viz.) and put it to my Account; but if he ought to pay it, then he must write, Put it to your Account.

The Form of an Out-landish Bill, in English thus, &c.

Laus Deo. In London this 30th of November, 1687. For 100 l. at 36 s. 8 d. Flemish, per Pound.

A TUsance, pay this my first Bill of Exchange, to Van Doulos Legar, Merchant; or order One Hundred Pounds Sterling, at Thirty Six Shillings Eight-pence Flemish, per Pound, for the value bere received of Mr. George Thomas; and put it to Account, as by Advice.

Your loving Friend,

To Mr. William Willis, Merchant, d. d. Pmain Rotterdam.

P. Motteux

And so the second, or third, at double or treble Usance, if the first be not paid; or, if it be paid, if there be more upon the Account, or your Credit is good, the like may be specified. If so it happen, that any Bill be negotiated by Exchange, or the Mony taken in, and so to be affigued over to another Man; then the Assignment must be written on the backside of the Bill in this manner, (viz.)

Pay the Contents on the other fide hereof, to Mr. Gabriel Keeling, or Assigns, for the value received of Mr. William Wills. London, 30th of November, 1687. William Sims.

And if it to happen, That Gabriel Keeling does likewife Affign the fame Bill for his Account, then it is requifite to write it only thus, (viz.)

Pay the Content's bereof to Mr. James Cole.

And in the like manner upon all Bills, as for the time given it differs, according to the diffance of place, and for the most part, either depends upon the pleasure of the Drawer, or as he can agree with him that is to take, or receive it, and sometimes the badness of the Season is considered; that so, it being long kept from the Party's hands who is to pay it, he may not be surprised by a Bill's coming to him just as it grows due.

Things very proper and material to be observed, relating to Bills of Exchange, whereby all Parties may not only understand what is to be done on that Occasion, but do it with Ease and Safety, &c.

ET the Dealers care be to take a Memorandum in a Book of the Person's Aboad, who presents the Bill, and keep Copies of those he sends to get accepted, and make the Directions of Bills on the Infede, that so by knowing the place his trouble might be the less, ever excepting against the second Bill, the first not being satisfied, and by his taking Copies sent to be accepted, he may know how Exchanges (if his Talent lie that way) go in all places, and without trouble know the day he is to call for his Mony, and upon whom. But to come to things more material to be observed, So.

1. If a Bill, after Acceptance, be protested, it does not in the least clear the Party who was faulty in Non-payment, but makes him liable to pay the Charges, &c. though the Drawer is not excused, but liable

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2. It is not fafe for any Person to make a Bill paiable to the Bearer, lest happing to be lost, or to miscarry, it should be paid to the wrong Party; for if in this ease it so happen, the Person who paid it, is not liable to a second Payment.

3. If a Bill happen to be drawn on two Persons, and but one of D d d 2

them accept it, and they are jointly concerned in it, you ought to protest notwithstanding, if the other refuse to accept it.

4. If a Bill upon being prefeated, be only accepted by word of Mouth, and the Party afterward refuses to subscribe it, yet if it be left in his hands the Acceptance is held sufficient.

5. If a Bill happens to be accepted for part, and not for the whole, then may the Person who proposes it, give an Acquittance for so much Mony; yet must be enter Protest for the Non-payment of the rest, and

fend it away.

6. Note, That the Person who draws the Bill, is Master of it till it becomes due, and may send it any time before; then to countermand it, or not to pay it till farther order; which Order must be made and passed before a Publick Notary, and notified to the Party who has accepted the Bill; but it must be before the Payment, or it is invalid.

7. If a Bill be drawn upon a Party out of Town, he not being at home, his Wife, or Servants, are not bound to accept it, unless he has by a Warrant of Attorney impower'd them so to do; yet, if they please, for the Credit of the Merchant, or Drawer, they may do it, yet Protest must be made against the Party on whom it was drawn, for Non-acceptance; and note, That all Bills where there is a defect in Payment, must be protested three days after they become due.

8. If a Bill accepted be loft, then must be who brought it, demand a Note of the Party's Hand and Seal, who received the said Bill for the Payment of the Mony, at the Day specified in the Bill, upon a second Bill, if it come to hand; or for want of it, upon the Note it self; and if a Note be refused, Protest must be entred and sent away; and when the Mony becomes due upon the second Bill, it must be demanded,

and a fecond Protest as the former for Non payment, &c.

9. If any Party happen to die between the time of Acceptance, and the Bill's becoming due, then must he, who was to receive the Mony, go to the place of his Aboad, and demand it when due, of the Executors; and it Payment be refused, he must Protest as if the Party were living; and on the contrary, if it so happen, that the Party to whom it was paiable, die before the Bill is due, then ought it to be demanded upon Security, to save the Payer harmless, though no Will be proved, or Administration taken out, and Protest made upon refusal.

exactly, and abfolutely by name, then cannot he affign it over to another; for if to, he that pays it to his Affigns, pays it to the wrong Party, and may be liable to pay it a fecond time, &c. These and many the like Rules are to be observed in this way of Dealing, and indeed, are very Necessary to be known by all Traders.

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Of Brokerage.

By Brokerage, I mean not that which is called with us a Paun-Broker, (many of which are very great Extortioners, or a scandalous fort of People, not sit to be compared to, or have any dealing with Merchants;) but Brokers are Persons generally, that have had Missortines in the World, and have been bred Merchants, (or else they are not capacitated to be Brokers) for they must be Men that have Experience in Goods, in Exchanges, in Seasons for buying and selling: They must be Men faithful, and of Repute; for the things they are entrusted with, are of great Consequence: And these Men are entrusted with, are of great Consequence; and these Men are sto sind the Merchant and Tradesman; and their Imployment is to find the Merchant a Shop keeper, or rather Chapman for his Goods.

All that I shall: And the better to do it, we will suppose your Master hath a Commodity that is come home from beyond the Seas, and he is to stell it: He speaks to a Brokers; When he hath so done, he is to note it in a Book for that purpose; where he sets the Day of the Month, and the Bargain at large; who Sells, and who Buys; at what Price, and at what Time. And for his Pains, he hath for every hundred Pounds worth of Goods, ten Shillings for himself. If the Bargain comes to nothing, (although he have been 3 or 4 days upon it) he can demand nothing for his pains, unless the Merchant will be so ci-

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This City hath a commendable Custom, That they will have Security for all that are Brokers: Yet of late Years, many Jews, and other Rascally Fellows, that know little or nothing of Merchants Affairs, adventure to meddle with Brokerage, and betray many Men, either through Ignorance or Knavery. It is not to be denied, but if our Merchants did keep up that Esteem of Brokers, that other Nations have of them, it would be far better for them, and they would not meet with fo many Inconveniencies as they do: For if the price of Brokerage was supported, and kept up, it would be a great Encouragement for them to enquire well after Men: But now the smallness of their Pay is not much better than Porter's Wages; and the Jews, and other pitiful Low-spirited Fellows, will do their Work at a far lower rate than the Merchants used to give; and remit it of one fide, fo they may have it of the other. In former Days, the Brokers generally made in England 1 per Cent. but in Foreign Parts 2 per Cent. and better; and it's well if they get is per Cent. clear now.

The Form and Manner of drawing up a Bill of Parcels.

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68842 at 7 d. 2 per 1. 215294

It often happens, that when Goods are fold for time, the Seller being in Necessity for Mony, will give the Buyer an Allowance, if he will pay prefent Mony, which Abatement is called Discount, and is generally after the rate of 6, 8, or 10 per Cent. per Annum, as can be agreed, and is thus understood, and calculated. Suppose A is to receive of B 200 l. Six Months hence, B offers to pay A presently, if he will Discount at 6 per Cent. per Annum, A condescends, and they agree. Now to know what A must allow B for Discount, do thus. First, reduce your 200 %. into Pence, the Product will be 48000 Pence, then multiply those Pence by 6, the number of Months to be discounted for, the Product will be 288000, which divide by 200, and the quantity of time that that is to be allowed, both which make 206 for your Divisor, the Quotient will be 1398 6 Pence, which is 1165. A parts of a Penny, and fo much must be abated out of the Two, for the Six Months Discount, and no more, according to the true Method received among Merchants. Of

Of Mony and Gold.

Of Hebrew Mony.

A Mite three parts of one C.

A Quadrans, or Farthing, 2 Mites.

An Affary, or Farthing, Half-penny Farthing: A Gerah, or piece of Mony, Penny-half-penny.

A Drachm, or Penny, Seven-pence-half-penny.

A Didrachm, or Shekel, one Shilling Three-pence.

A Sater, or Shekel of the Sanctuary, 2 s. 6 d.

A Mina, or Pound, 31.25.6 d.

A Talent of Silver, 187 1. 10 s.

A Shekel of Gold, Piece, a Dracon, Darius, or Drachm of Gold, 15 &

A Pound of Gold, 75 1.

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A Talent of Gold, 2250 %

Of English Gold, and Mony.

Fineness of Gold is Estimated by the Karract, which is no certain Weight, but the 2 to of any quantity, this Karract is divided into Grains and Parts: The Karract that Weighs Jewels is divided into 4 Grains, 20 of which make 24 Grains Troy, or 1 Penny-weight-

As 12 to 1 in value, fo is Gold to Silver.

Therefore if an Hebrew Talent of Silver is valued at 375 Pounds that of Gold is worth 375 Pound.

In England Gold is thus Estimated: One Penny-weight of Angel Gold is worth 4 Shillings 2 Pence-half-penny.

Crown Gold, 3 Shillings 10 Pence-half-penny. Sovereign Gold, 3 Shillings 6 Pence-half-penny.

The Standard for Sterling Mony in England.

11 Ounces 2 Drams fine Silver, and 18 Drams of Allay of Copper

13 Ounces of pure Silver is worth 3 pound 4 shillings 6 pence.

1 Ounce without Allay is worth 5 Shillings 4 Pence-half-penny.

12 Ounces with Allay, is worth 3 Pound.

1 Ounce with Allay is worth 5 Shillings.

The Standard for Gold, in the pound Troy 22 Karracts of fine Gold, 2 Karracts of Allay, Silver or Copper, viz. 11 Ounces fine Gold, 3 Ounce Allay.

The Spanish, French, and Flemish Gold is as fine as English.

The French and Dutch put more Allay in their Mony than English:

I Pound

I Pound Troy of Gold } is worth \{ \begin{array}{lll} 40 & 18 & 4 & \\ 49 & 13 & 8 & \\ 4 & \end{array} \]
I Pound Troy of Silver \} is worth \{ \begin{array}{lll} 30 & 0 & 0 & \\ 10 & 0 & 15 & 3 & \\ \ 2 & 0 & 3 & \\ 10 &

A Hundred Pound in Gold weighs 1 Pound 11 Ounces, 3 Quarters.

A Hundred Pound in Silver weighs 26 Pound, 9 Ounces Haverdupois.

Foreign Coin reduced to English Mony.

Spanish Mony.

Arnados
54 Mervids
11 Ryals
8 Ryals
4 Quartiliards

Mervid.
Ryal or 6 d. English.
Piece of 8, or 4 s. English.
Ryal or 6 d. English.

Portugal Mony.

40 Res
2½ Ryals
4 Testoons, or 10 Ryals make I Ryal, or 6 d. English.
Ducat.

Milt of Gold.

French Mony.

20 Soulx
16 Soulx
4 Carducas

Take 1 Soulx
Cardeque.
Crown.

Scotch.

Small Pieces
Small Pieces
Make
Nobles Scotch

make

Substitute of the state of the

Irifh.

2 Ob. or 4 d. 2 q. English. is I Harper, or 9 d. English.
20 Harpers 1 l. Irish, 15 s. English.

Flemish.

8 Pence I Groat. I Single Stiver. 2. Groats 2 Single Stivers 20 Single Stivers, I Guilder, 3 s. 4 d. English. or 10 Double 6 Guilders

1 Double Stiver, or 3 d. 1 q. English.

Perfian Coins.

2 Biftees 21 Shawhees

Shawhee.

2 Shawhees Mammoodee.

Hollands Mony.

A Doit 8 Doits 2 Stivers 6 Stivers

1 Rixdollar

makes

1 Stiver 3 9. 3 and 25 Doits. 1 Doppelgen.

I Shilling Hol. II d. 1 English.

50 Stivers, 4 s. 6 d. English.

For the better instructing of Young Traders, I have here added an Account of Weights, Measures, and Numbers

Hree Barly-Corns make an Inch, two and a half a Nail. A Hand is four Inches, or Fingers breadth; 3 Hands is a Span, 4 Hands or 12 Inches a Foot, 2 Foot makes a Pace, 5 Foot a Geometrical pace, 3 Foot, or 16 Nails is a Yard, one Yard and a quarter, that is 20 Nails make an English Ell. A Dutch Ell or Stick is three quarters of a Yard; which way they commonly measure Tapistry.

Six Foot makes a Fathom.

Ten Foot is a Gad, or Geometrical Perch, fornetimes Nine Foot? Sixteen Foot and a half is a Pole or Perch by the Statute. Eighteen Foot a Wood land Perch, used in Fens and Moors.

21 Foot a Forest Perch, used in Ireland or Lancashire.

18 Foot three quarters a Scotch Pole or Perch. 4 Statute perches, or 100 Links make a Chain-

125 Geometrical paces make a Stade.

8 Stades, or a thousand Geometrical paces make an Italian Mile, used by English-men at Sea.

An English Mile is 1760 Yards.

8 Furlongs make an English Mile, as 8 Stades an Italian.

3 Italian Miles are an English League.

Four thousand Geometrical Paces make a small German Mile, five thousand a great.

Forty square Perches is a Rood, four Rood an Acre, that is to say, 160 perches in length, 1 in breadth; or 80 perches in length, and 2 in breadth; or 4 in breadth, and 40 in length, make an Acre.

Ten Chains in length, and one in breadth make an Acre-

Thirty Acres is a Yard-Land, and one Hide of Land is a hundred Acres.

Ten Foot every way is a square, that is, a hundred square Feet.

How to measure Wood; Necessary for Country-men.

A Coard of Wood is four Foot over, four Foot deep, eight Foot long, being 128 Cubick Feet.

A Stack of Wood is 3 Foot over, 3 Foot deep, and 12 long, which

makes 108 Cubick Feet.

Block-wood, being great Logs, are fold by the Coard, fmall by

A Cubick Foot contains 1728 Cubick Inches, a Cubick Yard 27

Cubick Feet, or 46656 Cubick Inches.
50 Foot of Timber makes a Load, 40 Foot makes a Tun, 20 Foot

a Butt or Pipe, 10 Foot an Hogshead. 18 Foot square, and 1 Foot deep, or 324 Cubick Feet is called a

Floor.

A Brick by the Statute should be 9 Inches long, 4 and a quarter broad, and 2 and a half thick; 500 make a Load, and 1000 of plain Tiles likewise.

How much Plank makes a Load,

300 Foot of 2 Inch Plank, 200 Foot of 3 Inch Plank, 150 Foot of 4 Inch Plank, 400 Foot of 1 and a half Plank, and 200 of Inch make a Load.

Something Useful to know about Tale of Goods.

Anvas Cloth, 120 Ells is accounted an hundred.
Fustian, 14 Ells is a Chief, but of fine Linnen, Silk and Syndon, 10 Ells make a Chief.

Fifh, as Ling, Haberdene and Cod-fifh, &c. 124 is an Hundred; 1240 makes a Thousand. Eels, 25 to a Strike, 10 strike to the Bind. Herrings and Stock-fish, 125 to a Hundred; 1200 makes a Thousand in a Barrel, 12 Barrels make a Last.

Laths,

Laths, There must be but five foore to the Hundred, of five Foot long; but four Foot long are fix-foore, or 120 to the Bundle; their

breadth one Inch and half, half an Inch thick.

There are 120 Deals and Nails to the Hundred, four thousand fix Inches Tree Nails (being made for Ship pins) three thousand nine Inches, two thousand Foot, fifteen hundred eighteen Inches, or one thousand two Foot Tree Nails or Ship pins go to the Thousand, and there's a Load of Timber in them.

Lime is fold by the Bog in London, which should be a Bushel; 25 make a Hundred: In the Country it is fold by the Load, which is about

forty Bushels.

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Hoops are fold by the Bundle, as 70 Pipe-Hoops 90 Hoghead, 120 Barrel or Kilderkin, 180 Pink or Firkin-Hoops make a Hundred.

Skins, as Goat, are numbred by the Kipp, of fifty Skins to the Kipp.

Other Skins five-score to the Hundred.

Furs, as Sables, Filches, Minks, Martins, Greys, and Jennets, forty

Skins make a Timber.

Glass, a Seam is 24 Stone, or 120 l. New-Castle Glass, 5 Foot make a Table, 45 Tables make a Case, Normandy Glass, 25 Tables is a Case, which is cut into long squares, the other Diamond-sashion. Glass-Bottles, 21 to the Dozen, 12 such Dozen, or 252 make a Gross which is Days Work.

Paper, a Bale is Ten Ream; a Ream twenty Quire, twenty four, Sheets in a Quire; in Genoa Paper twenty five Sheets in a Quire.

Parchment, a Roll is five Dozen, twelve Skins a Dozen. Hides, Ten make a Dicker, twenty Dicker a Laft. Gloves, Ten pair is a Dicker; Horse-shoes the same.

A Chaldron of Coles, 36 Bushels.

A Load of Timber, 50 solid Foot.

In a Hogshead of Wine, 63 Gallons.

In a Barrel of Beer, 36 Gallons.

In a Barrel of Ale, 32 Gallons.

A Gross, 144 or 12 Dozen.

A Weigh of Cheese, 256 Pound.

Days in a Year, 365.

Weeks in a Year, 32.

In an Acre of Land, 160 Perches.
In a Rod of Land, 40 Perches.
In a perch of Land, 272 Foot

A pipe or Butt of Wine, 126 Gallons.

In a Last of Corn, 10 Quarters, or 80 Bushels.

A Tun of Iron, 20 hundred weight, or 2240 pound weight.

A Fodder of Lead, 19½ hundred weight, or 2184 pound.

A Tod of Wooll is 28 pound; a Sack, 364; a Last, 4368 pound.

A Load of Bricks, 500 Bricks.

ATABLE of Expences and Wages.

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An Account of the true Method every honest Merchant or Dealer should take (according to Law) to get in what is justly owing to him, either by shuffling Tradesmen in the City, or dishonest Correspondents in the Country.

1. There is the Court of Conscience; and this only for Debts that are under forty Shillings, and take Cognizance only of such as are owing by Free-men of the City of London, inhabiting within the said City, or the Liberties thereof. Here you cause the Debtor to be warned in, and must refer the Matter to Commissioners appointed by the Lord-Mayor, Sc. and you must abide by the Determination of the said Commissioners. Generally Poverty is pleaded, and the Debtor is ordered to pay so much by the Week, 6 d. or 12 d. or what the Court thinks sit, or else Execution is taken out against him. You are believed for what you demand upon your Oath.

2. The Second way of Proceeding that is Civil, is to make an At-

2. The Second way of Proceeding that is Civil, is to make an Attachment upon your Debtor's Estate, Monies or Goods that you understand is due to him from A. B. J. C. &c. in the Mayor's or either of the Sheriff's Court; and this doth not hurt the Person of him that owes the Mony, but only secures the Debt, and is no great Disgrace to the Debtor, nor any great Charge, and is done with much Privacy.

3. The Third way, if you have any difference with a Man, and have a mind not openly to disparage him, you acquaint him, you intend to enter an Astion against him in such a Counter, and he will do well to put in Bail by such a Day; this is a great piece of Civility, if you must go to Law, and saves Mony on both sides that is given to Sergeants. &cc.

4. The Fourth way is, When you fear your Man indeed, and do really think to secure him, then you give order to an Officer to take him into Custod; you must first enter your Action at one of the Counters, and pay your Sergeant; and when the Sergeant hath him, you have the Sheriff for your Security, if the Party makes any Escape, or the Bail be not good.

5. The Fifth is, by way of Writ from the King's Bench, or the Common-Pleas; and here the Party is held to special Bail before a Judge, and must give in Bail here below, and above too; and this is noublessmfor the Debtor, and also Chargeable,

6. A Sixth way is, by Outlawry, and this is very rigorous; and a Man now a days by the baseness of an Attorney, is sued to an Outlawry, and knows nothing of it, but is quiet, and means no body harm;

barm; and here he is ruined, and run up to much Charge before he

knows wherefore he is troubled.

7. The Seventh is, A Commission of Bankrupt; and this is many ways convenient, but exceeding chargeable; the meaning of it is, a Commission from under the Great Seal of England, directed to such and such Commissioners, naming five or more, directing them to enquire into all the Particulars of the Man's Condition that hash failed.

They have power to Administer an Oath, to send to Prison, to release out of Prison; they can break open Houses, seize Goods, sell them; extend Lands; and in short, do any thing for the Advantage of the

Creditors.

But a Statute cannot be taken out against a Man, unless one or more Creditors join together, or the Sums amount to more than 100 l. and they must give Security to prove the Man a Bankrupt.

This is a rigorous manner of Profecution, and generally leaves the Estate far worse than they found it; for it is very chargeable and

tedious.

These are the several Ways that are used to get Mony in, and to prosecute Men: What more there are, I know not: that must be enquired into of them that are Learned in the Law.

But how if I am emploied by another to profesure another here, how

muft I All it?

Answ. In the same nature as is before-cited; but you must have Power from the Manthat employs you.

What mean you by Power? Is not bis Letter enough, and his Or-

der to do it?

Answ. No; that is not sufficient; you must have a Procuration: so called in all Fereign Parts; and by us in England, A Letter of Attorney, that impowers you to sue his Debtor, cast him into Prison, and release him.

Directions to Merchants and other Dealers how to discover all Counterfest Coin, and bad Mony, of great Use in the Receiving of great Sums of Mony. of the nBu

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Will farther add fomething that may be useful to Merchants and all other Dealers that know it not, to prevent their being deceived with the Counterfeit Coin, that notwithstanding the great Care used by our Governors to prevent it is continually made and vended amongst us; wherefore they are to observe.

1. That there is one fort of unlawful Mony that is made to (of the lawful Coin) by Clipping or Filing, or both, or otherwise lightning or impairing the fame.

2. There is another fort of unlawful Counterfeit Mony, made with the mixture of a little Silver and other baler Metal, which by Artificial Working, Boiling and Finishing, will be made much like in Countenance, and near as passible as good Mony.

3. There is another fort of unlawful Mony made of Solid Copper of Brass, and covered or cased over, on the flat parts, as thick as Paper. and on the edges near as thick as a Six-pence with good Silver, and is

commonly as passible as the other-

4. There is another fort of Counterfeit Mony, made only of fine hardned Tin, which comes near (at first making) to the Colour of good Silver Mony.

For the knowing of these (one from another, and all) from the

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tamful Coin; Note further,
Finst, The good Silver Coin that is clipt, filed of leffened, although thereby made unlawful, yet according as it is more or less by these ways abused, the People do receive or refuse it is they can agreed and

Secondly, This fort, although when artificially finisht, it much refembles the proper Silver Coin, yet it cannot be fo cuttiningly done but it may be discovered by its different aspect from the good; if that give caule of Sulpition, rub either the edge or flat part of it upon dry Board, that hath gravelly or gritty Matter on it; as the ftep of a Stair, or fuch like; or elfe when the out-part of the edge is a little rubb'd off rub it on a good clean Touchitone, as afore is directed. and if it be falle you will thereby discover its on elle rake a Goldfmiths Graver made tharp, and enter it in fome para of the flat of the Mony as if you began to engrave, and in that Hole or Entrance, (by viewing it in the light) it will appear in its yellowish Colours 10393

Thirdly, This fort is always different from the good Silver Mony, thus (to wit) as the good Silver Mony hath frequently, (I mean the old Mony) fmall cracks on the edges thereof, which is made by the forging it; fo this fort of Counterfeit Mony is generally smooth on the edges withour fuch cracks, and as the good Mony will I being let fall, or thrown flat on a folid Board) ring thrill, to this fort of bad Mony, by reason its Case of Silver; cannot be so united to its Body of Brais or Copper, but it will (if let fall or thrown as aforefaid) found like Lead; where these Signs give cause of suspicion; the use of a Gra-

ver, as aforefaid, will plainly discover it. it cannot be avoided but his Countenance will look much duller or darker than the good Mony; and if you bite it, you may make greater Imprefisions thereon with your Teeth than on the good Coin; for it is fofter, and much eafier to be bent between the Teeth, or in some

There may be other forty of Counterfeit Silver Mony, otherwise to discover the lame: But to enlarge this Discourse on the Crinck Nici-Ece

ties of what is, or may be observable therein, and the Laws in force concerning the same, would not only swell this, but be Matter for another Volume; therefore I will only add, that ingenious Traders being well acquainted with the Particulars of the fore going Treatile, and these plain Rules here laid down, and by their care to observe picely, the Proportion, the Stamp, Countenance, and wearing of the good Mony, will easily discern its difference from the Counterseit: And as the Counterseiting, Clipping, Rounding, Washing, Filing, Impairing, Diminishing, Falistying, Scaling or Lightning.

For wicked Lucre fake, the proper Mony or Coins of this Realm, is High Treason by these Statutes, (to wit) 25 Edw. 2. 2. 8.5, Eliz. 1. 2.18 El

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and the one was the state of th

enrich himself, a Practice too frequently used, there is a way to ferret him out of his fecret Abode, which is by taking out a Statute of Bank-

cupcy against him, which in brief is this:

There is a Commission obtained from under the Great Seal of England, nominating and directed to five or more Persons appointed Commissioners, impowering them to make a strict and through inquiry into the Party's Estate, and all the Particulars attending, or depending thereon, giving them fufficient Authority to Administer Oaths to any they suspect to be conniving, or confederate with him in concealing, or carrying away any patt of his Goods, or any thing appertaining to him; as also what Monies are due from them to him upon Account, or whatever they shall conceive convenient in the like nature. and may lawfully break open fuch House, or Houses, where they are fufficiently informed fuch Goods are conveyed and concealed, and may imprison fuch as shall refuse to answer them any lawful Question upon fufficient ground to to do; and may not only fell the Goods, but extend the Lands; or Estate to the advantage and behoof of the Creditors, and caufe a Diffribution of the Monies fo obtained, to be made amongst those that have paid their quota in defray of the Charges, allotting to each a Dividend according to the Sum he proves and makes out, be it more or less; and if it so happen, which is very seldom; that there be any Overplus, it must be returned to the first Proprietor. that is, the Party that was Bankrupted.

Note, That in taking out this Commission, sufficient Security must be given in to prove the Party a Bankrupt; nor is it taken out against any Man write's one or more of the Creditors confent and join, and the

Sums amount to upwards of 100/-As for the tifual Rates of Composition, they are from five to fifteen Shillings in the Pound ready Mony, or fuch Security as the Creditors shall accept and in this Cafe it must be acknowledged as Satisfaction. and a Release given in general discharge upon Payment, as if the whole had been paid, and fuller Satisfaction made.

August

Dog-Days begin

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Sworn September 28	abug 1 10	Shorthis
er reduced Fixed Feafts, all bre	n of the Le	Election
A STATE OF THE STA		
	Jan 1	ismode:
Epiphany, or Twelfth day	Jan.	. 6
Conversion of St. Paul	Fan.	25
Martyrdom of King CHARLES I.————————————————————————————————————	Febr.	30
St. Matthias [in Leap-years Feb. 25.]	Febr.	24
Lady-pay, or Annunciation of the Virgin Mary	March	25
E c c 2	1 20201 010	Sti

Street Proprietorie 1 Transmission	
St. Mark Evangelift	- April 25
St. Philip and Facob, or May-day-	- May a mo I
Birth and Return of King CHARLES II.	- May 29
St. Barnabas Apostle	- June man I II
Miolummer, or St. John Baptist	June 24
St. Peter Apostle	June 29
St. James Apostle	July of 25
St. Bartholomew Apostle	- August 24
St. Marthew Apostle	September 21
Dichaelmas, or St. Michael the Arch-Angel-	September 29
St. Luke Evangelist	October 18
Sr. Simon and St. Jude	October 28
All Saints	November
Powder-Treason	November 5
St. Andrew Apostle	November 30
St. Thomas Apostle-	December 21
Christman, or Birth of our Lord God-	
Sr. Steplen Protomartyr	December 25
St. John Evangelist	The state of the s
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T Alentine	February 14
Equal Day and Night-	March 10
St. George	April 23
Longest Day, or Barnaby	1 June 11
Election of Sheriffs in London	June 24
Swithin 1990 161	July 15
Dog-Days begin	July 19
Lammas — — — — — — — — — — — — — — — — — — —	August 1
Dog-Days end	August 27
Equal Day and Night	September 12
Sheriffs of London Sworn	September 28
Election of the Lord-Mayor of London	September 29
Lord-Mayor's Day when he is Sworn at Westminster	October 29
Shortest Day	December 11

The word of Sc. Faw.

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The TERMS and their Returns.

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Return on Essoyn days. Octab. Hill. January 21	Fanuary	2.1	Fanuary	22	Fanuary	22
Quind. Hill. January 28	Fanuary	28	Fanuary	20	Fanuary	30
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Quind. Pasch. April 14	April	15	April	16	April	16
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		29	April		May	-1
Quind. Pasch. May 5		6	May		May	7
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Trinity Term begi	ms May		30. en	ds	June	18
Craft. Trin. May 26	May	27 1	May	28	May	39
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Tres Mich. October 20 Menf. Mich. October 27	October October	21 27	October	29	October	C
Tres Mich. October 20 Mens. Mich. October 27 Craft. Anim. Novem. 3	October October Novem.	21 27 4	October Novem.	29	October Novem.	6
Tres Mich. October 20 Menf. Mich. October 27 Craft. Anim. Novem. 3 Craft. Mart. Novem. 1	October October Novem.	21 27 4 13	October Novem. Novem.	29 5 14	Novem. Novem.	6
Tres Mich. October 20 Menf. Mich. October 27 Craft. Anim. Novem. 3 Craft. Mart. Novem. 1 Octab. Mart. Nov. 19	October October Novem. Novem. Novem.	21 27 4 13	October Novem. Novem. Novem.	29 5 14 21	Novem. Novem. Novem.	17
Tres Mich. October 20 Menf. Mich. October 27 Craft. Anim. Novem. 3 Craft. Mart. Novem. 1 Octab. Mart. Nov. 19	October October Novem. Novem. Novem.	21 27 4 13	October Novem. Novem.	29 5 14 21	Novem. Novem.	6
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Tres Mich. October 20 Menf. Mich. October 27 Craft. Anim. Novem. 3 Craft. Mart. Novem. 1 Octab. Mart. Nov. 19 Quind. Mart. Nov. 25	October October Novem. Novem. Novem. Novem. Lovem.	21 27 4 13 20 26 1	October Novem. Novem. Novem. fore any	29 5 14 21 26 Ferm four	Novem. Novem. Novem. Novem. Novem. days. N	22 28 ex-

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A Perpetual ALMANACK of daily Use to all Traders

Apr. July	Sept. Dec.	Febr.	Mar. Nov.	Au- guft.	May.	Octo-
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	00	00	00	00

Note, That on what day of the Week the Year begins, the Figure under each Month is the same day of the Week until the Years end: as for Example; The 25th day of the first Month, called March, was on the Third Day of the Week, called Tuesday; under September and December you see (2,) which sheweth Tuesday to be the second day of each of those Months; and so go on to the end of the Month; and the like in all the other Months.

and Livery Term, before which a court only long enter their

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An Account of BNING of dat's Accipal Fairs in England, Sec. 1 center with the Marth, Day

Names	Began the Reign.	ric	Y.	eigne M.	d. D.		Reigned	
The state of the s	1066 Octo.		20	II			Septemb	. 9
	1687 Sept.		22	11	18	584	August	2
	IIOO Aug.	1		4	I	549	Decemb	. 1
	1135 Dec.	2	18	II	18	530	October	
Henry 2	1154 08.	25	35	.9	I	495	July	6
Richard 1	1189 July	6	9	9	0	405	April	. 6
lohn	1199 April	6		7	0	466	October	
Henry 3	1216 Octo.	19	56	I	9	412	Nov.	16
Edward I	1272 Nov.		34	8	6	377	July	- 7
Edward 2	1307 July	7	19	7	- 5	358	Jan.	25
Edward 2	1326 Jan.	25	51	5	7	307	fune	21
Richard 2	1377 June	21	22	3	14	285	Sept.	29
	1399 Sept.	29	13	6	3	271	March	20
Henry 5	1412 Mar.	20	9	5	24	262	August	31
Henry 6	1422 Aug:	31	38	6	8	224	March	4
Edward 4	1460 Mar.	4	22	1			April	1.9
Edward s	1483 April	9	00:	2	18	201	Fune	18
Richard 2	1483 June	2	2	. 2	5	199	August	22
Henry 7	1485 Aug.	22	23	10	2	175	April	22
Henry 8	1509 April	22	37	10	2	138	Fuly	28
	1546 Fan.	28	6	5	10	131	Fuly	6
Mary	1553 Fuly	6	5	4	1 4		Nov.	17
Elizabeth	1558 Nov.	17	44	4	16		March	24
lames I	1602 Mar.	24	22	8	2	59	March	27
	1625 Mar.		23	10	2		Fan.	30
	1648 Fan.	20	36	0	8		Febr.	6
	1684 Febr.	6		0	7	3	Febr.	13
				om G	od gr	ant l	ong to Rei	gn.

east at Tenderded after Pleas, the politically a Work

An Account of the Names of the Principal Fairs in England, &c. Together with the Month, Day, and Place where they be kept, more exactly than heretofore, for the Use of all Citizens, and others that go to Fairs.

Fanuary.

The 5 day at Hicketford in Lancashire; the 6 day at Salisbury; the Thursday after at Banbury; the 25 at Gravesend, Brittol, Churchingsord, Northallerton in Yorkshire, every Wednesday from Christmas until June.

February.

The first day at Bromly in Lancashire; the 2 day at Reading in Barkshire, Maidstone, Bicklesworth, Becklessield, Bath, Lin, Bugwort; the 3 day at Brogrove; on Valentines day at Owndle in Northamptonshire, Feversham; the 24 at Henly upon Thames, Baldock; on Ashwednesday at Royston, Dunstable, Eaton, Tamworth, Tunbridge, Lichfield, Exeter, Cirencester: the first Thursday in Lent at Banbury.

March.

The 3 day at Bromwel brakes in Norfolk; the 4 at Bedford; the 12 at Alsome in Norfolk, Sudbury, Wooburn; the 13 at Wye, Bodwin in Cornwal: the 20 at Durham; the Monday before our Lady-day at Kendal, Wisbich; the 25 day at Huntington, Northampton, Malden, Ashwel in Hartfordshire, Newcastle; Mid-lent, at Saffron-walden in Essex; Goodsriday at Norwich; Palmsunday-eve at Wisbich, Worcester, Pomstet.

April.

Easter monday at Oney in Bedfordshire, Gainsborough; Easter-tuesday at Daintry in Northamptonshire, Godmanchester, Schole in Norfolk, St. Edmunds bury; on Wednesday at Wellingborough in Northamptonshire; on Friday in the sameWeek at Darby; on Saturday at Bicklesworth; the 2 at Hitchen, Rochford, Northsleet: the 7 at Darby; the 9 at Billingsworth, Bicklesworth: the 22 at Stabsord; the 23 at Ipswich, Harbin in Norfolk, Northampton, Sapsar in Hartfordsh Charing, Hinningham, Tamworth, Bury in Lancashire, S. Bombs in Cornwal: the 27 at Dunmow in Essex, Oakham in Rutlandshire, Buckingham; Darby: the 29 at Tenderden in Kent, Pleet; the 30 at Beverly a Week ogether.

May.

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The first day at Haverel in Essex, Layton-buzzard in Huntington-shire, Rippon in Yorkshire, Reading, Maidstone, Tuxsford in the Clay; the third at Essex in Bedfordsh. Noneaton in Warwicksh. Thedsford in Norsolk, Chelmsord in Essex, Waltham-Abby, Hinningham, Rochdale, Bramyard: the 7th at Newton in Lancashire, Beverley, Oxford: the 10th atRochester, Dunstable, Magsield in Suffolk: on Rogation Munday at Reach: on Ascention-day at Thaxted, Beverly, Rippon, Sudminster, Bishops-stratford, S. Eeds, Wickham in Lancashire, Middle-Wich in Cheshire, Chappel-frith in Derbyshire; on Whitson-Eve at Skippon in Craven: on Whitson Monday at St. Ives, Rygate in Shiry, bickless worth, Bradford, Agmundesham in Buckinghamsh. on Whitson-Tuesday at Newmarket: on Wednesday at Roytton: on Thursday at Odehill in Northamptonshire: the 26th day at Lenham: the 29th at Crainbrook.

June.

On Trinity-Eve at Rowel, Kendal: on Corpus Christi at Banbury, Bishops-stratford, S. Eeds, Coventry, Newbury: the 9th at Maidstone: the 11th at Breme in Norfolk, Bardsield in Essex: the 17th at Hadstock: the 23th at S. Albans, Deerham in Norfolk, Shrewsbury: the 24th at Halson in Suffolk, Barnwel beside Cambridge, Bedford, Colchester, Rumsford, Reading, Windsor, Halisax, Hardsord, Beverly, Haselinden: the 26th at Bristol, Derby: the 27th at Burton on Trent, Folstone: the 28th at S. Pombs in Cornwal: the 29th at Peterborough, Ashwel, Sudbury, Stebbing in Essex, Benington in Hartfordshire.

July.

The 1, 2, and 3 days at Congeliton in Chesh, the 7th at Royston, Burntwood: the Monday after at Fodringham: the 11th at Partney for Horses: the 20th at Uxbridge, Coolidge, Woodstock, Barkway: the 22th at Ickleton, Bicklesworth, Norwich, Colchester: the 25th at Audly-end beside Walden, Reading.

August.

The first day at Bedford, S. Eeds, Dunstable, Feversham, Wisbich, Bicklesworth, Stony-stratford: the 10th at Blackamore, Harple in Norfolk, Thaxted in Esex, S. Ives, Bedford, Banbury, Farnham, Brainford: the 15th at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24th at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggars bush, Burton: the 29th at Halson in Suffolk, Harlow bush in Essex, Watford.

September.

September.

The first day at S. Giles in the bush, on Thursday and Friday next before the 8th day, at Sandbach in Chesh. 7, 8, 9 and 10 days at Woodbury-hill in Dorsetsh, the 7th at Ware; the 8th at Hunnington, Bury in Lancash, Partney, Wakefield, Northampton, and Starbridge Fair belonging to Cambridge begins; the 14th at Rippon for Horses, Waltham-Abby, Chestersield in Darbyshire, Richmond; the 2 th at Marleborough, Bedford, Baldor; S. Edmond-bury, Holden in Holderness, Braintry, Brackly-maiden, Malden; the 29th at S. Ives, Basingstoke, Market-deeping, Shelford in Bedfordshire, Bishopstratford, Malden for Horses, Stow in Lincolnshire; Thursday after at Banbury.

October:

The fecond at Salisbury; the 6th at Havent in Hampsh. Maidston, Coolidge, Gayworth by Lin, S. Faiths; the 8th at Bishopstratford, Harborough; the 9th at Gainsborough in Lincolnshire; the 13 at Windfor, Colchester, Gravesend; the 18th day at Ely, Bishopshatsield, Barnet, Banbury, Thirst, Burton on Trent; the 21th day at Saffron-Walden; the 23th day at Bicklesworth; the 28th day at Newmarket, Dis in Norfolk, Wakesield, Richdrie in Lancashire.

November.

The first day at Chelmsford; the second at Epping-Kingstone on Thames. Padamhasson in Suffolk; the 6th at Newport pond, Bedford, Hartford; the 11th at Lodden in Norfolk, Lenton in Nortinghamshire, Hempton in Norfolk, Fockingham in Lincolnshire, Bridgstock in Northamtonsh. Marleborough; the 17th at Spalding in Lincolnshire, Harlow, Lincoln, Hide, Northampton; the 19th at Horsham in Kent; the 20th at S. Edmondsbury, Ingerstone in Essex, Heath; the 23th at Sandwich; the 30th at Boldoc, Bareford, Kolingborough, Maidenhead, Warrington, Rochester.

December.

The fifth at Pluckly; the 6th at S. Eeds, Woodstock, Spalding, Norwich in Cheshire, at Exeter, Senock in Kent, Arundel, Grantham; the 7th at Sandhurst; the 8th at Northampton, Clitheral in Lancashire, Malpas in Chesh the 29th at Canterbury, Salisbury.

The Principal CITIES and Market-Towns in England and Wales, with the Diffance of one CITY and Market Town from another. To which is added, An Account in what County each City and Town lies, and the respective Market Day; A Thing Useful to be known by all Whole Sale Dealers: And likewise it is Useful to direct all Tradesmen in their Travelling upon the Road from Town to Town, and from City to City.

I. Road from London to Huntington, Stamford, Tork, Durham and Berwick—to Newmarket and Norwich,—to Cambridge, Elsand King's-Lynn, to Bury,—to Walfingham,—to Peterborough, and Boston,—to Lincoln, Hull and Flamborough.

Berwick Road.	Partic.		Totals.		County.
			cm.	mm	A command
Waltham Crofs.	12	12	12	12	M. & H.
Hoddesdon, Th.	5	6	17	18	Hartford.
Ware, Tu.		3	20	21	Hartford.
Puckeridge.	4	6	24	27	Hartford.
Bunting ford, Sat.	3	4	27	31	Hartford.
Royston, W.	34 36 96 95 78	7	33	38	H. & C.
Caxton, Tu.	9	12	42	50	Cambridge.
Huntington, Sat.	16	7	48	57	Huntington.
Stilton.	9	12	57	69	Huntington.
Water-Newton.	1 3	6	62	75	Huntington.
Stamford, M. F.	17	8	69	83	Lincoln.
Southwitham	8	IO	77	93	Lincoln.
Grantham, S.	8	II	85	104	Lincoln:
Newark, W.	10	14	95	118	Nottingham.
Tuxford, M.	10	13	105	131	Nottingham.
Bramby on the Moor	8	10	113	141	Nottingham.
Beautry, S.		6	117	147	70. w.r.
Doncaster, S.	4	8	123	155	70. w.r.
Wentbridge		IO	130	165	Yo. w. r.
Ferrybridge	7 4 4	5	134	170	To. w. r.
Sherbourn, S.	1 4	6	138	176	To. w. r.
Tadcaster, Th.	14	6	142	182	To. w. r.